



KCNK5 Polyclonal Antibody

Catalog No BYab-05948 Isotype IgG Reactivity Human;Rat;Mouse; Applications WB;ELISA Gene Name KCNK5 TASK2 Protein Name Potassium channel subfamily K member 5 (Acid-sensitive potassium channel protein TASK-2) (TWIK-related acid-sensitive K(+) channel 2) Immunogen Synthesized peptide derived from human protein . at AA range; 230-310 Specificity KCNK5 Polyclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 54kD Cell Pathway Membrane; Multi-pass membrane protein Intektione, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules and collecting		
Reactivity Human;Rat;Mouse; Applications WB;ELISA Gene Name KCNK5 TASK2 Protein Name Potassium channel subfamily K member 5 (Acid-sensitive potassium channel protein TASK-2) (TWlK-related acid-sensitive K(+) channel 2) Immunogen Synthesized peptide derived from human protein . at AA range: 230-310 Specificity KCNK5 Polyclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 54kD Cell Pathway Membrane ; Multi-pass membrane protein . Tissue Specificity intesting in kidney, also detected in liver, placenta and small intesting. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Not expressed in proximal tubules and collecting ducts. Not kidney, expression in settricted to the distal tubules and collecting ducts. Not kidney, expression in testricted to the distal tubules and collecting ducts. Not	Catalog No	BYab-05948
Applications WB;ELISA Gene Name KCNK5 TASK2 Protein Name Potassium channel subfamily K member 5 (Acid-sensitive potassium channel protein TASK-2) (TWIK-related acid-sensitive K(+) channel 2) Immunogen Synthesized peptide derived from human protein . at AA range: 230-310 Specificity KCNK5 Polyclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 54kD Cell Pathway Membrane ; Multi-pass membrane protein . Tissue Specificity Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Not expressed in proximal tubules or glomeruli channel. Outward rectification is lost at high external K(+) concentrations, misscellaneous: Inhibited by quinine, quindine and external acidification, similarity. Belongs to the two pore domain potassium channel (TC 1.A.1.8) family, subunit-thomodimer; disulfide-linked, dissue specificity-Abundant expression in restricted to the distal tubules and collecting ducts. Not kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Isotype	IgG
Gene Name KCNK5 TASK2 Protein Name potassium channel subfamily K member 5 (Acid-sensitive potassium channel protein TASK-2) (TWIK-related acid-sensitive K(+) channel 2) Immunogen Synthesized peptide derived from human protein . at AA range: 230-310 Specificity KCNK5 Polyclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 54kD Cell Pathway Membrane; Multi-pass membrane protein . Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Not expressed in proximal tubules or glomeruli concentrations, miscellaneous: Inhibited by quinine, quindine and external acidification, similarity. Belongs to the two pore domain potassium channel (TC 1.A.1.8) family, subunit-thomodimer; disulfide-linked, dissue specificity-Abundant expression in restricted to the distal tubules and collecting ducts. Not kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Reactivity	Human;Rat;Mouse;
Protein Name Potassium channel subfamily K member 5 (Acid-sensitive potassium channel protein TASK-2) (TWIK-related acid-sensitive K(+) channel 2) Immunogen Synthesized peptide derived from human protein . at AA range: 230-310 Specificity KCNK5 Polyclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 54kD Cell Pathway Membrane ; Multi-pass membrane protein . Tissue Specificity Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Function function:pH-dependent, voltage insensitive, outwardly rectifying potassium channel (TC 1.A.1.8) family, subunit-Homodimer; disulfide-linked, tissue specificity. Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is lost at high external K(+) concentrations., miscellaneous:Inhibited by quinine, quinidine and external acidification., similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family, subunit-Homodimer; disulfide-linked, tissue specificity. Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not kidney, expression is restricted to the distal tubules and collecting ducts. Not	Applications	WB;ELISA
Immunogen Synthesized peptide derived from human protein . at AA range: 230-310 Specificity KCNK5 Polyclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 54kD Cell Pathway Membrane; Multi-pass membrane protein. Tissue Specificity Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). To the two pore domain potassium channel (TC 1.A.1.8) family. subunit:Homodimer; disulfide-linked, tissue specificity:Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Gene Name	KCNK5 TASK2
Specificity KCNK5 Polyclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 54kD Cell Pathway Membrane; Multi-pass membrane protein. Tissue Specificity Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Function function:pH-dependent, voltage insensitive, outwardly rectifying potassium channel (TC 1.A.1.8) family, subunit.Homodimer, disulfide-linked, tissue specificity.Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Protein Name	Potassium channel subfamily K member 5 (Acid-sensitive potassium channel protein TASK-2) (TWIK-related acid-sensitive K(+) channel 2)
Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 54kD Cell Pathway Membrane; Multi-pass membrane protein. Tissue Specificity Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Function function:pH-dependent, voltage insensitive, outwardly rectifying potassium channel. Outward rectification is lost at high external K(+) concentrations, miscellaneous:Inhibited by quinine, quinidine and external acidification, similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family, subunit:Homodimer; disulfide-linked, tissue specificity:Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Immunogen	Synthesized peptide derived from human protein . at AA range: 230-310
Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 54kD Cell Pathway Membrane; Multi-pass membrane protein. Tissue Specificity Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Function function:pH-dependent, voltage insensitive, outwardly rectifying potassium channel. Outward rectification is lost at high external K(+) concentrations, miscellaneous:Inhibited by quinine, quinidine and external acidification, similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family, subunit:Homodimer; disulfide-linked., tissue specificity:Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Specificity	KCNK5 Polyclonal Antibody detects endogenous levels of protein.
Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 54kD Cell Pathway Membrane ; Multi-pass membrane protein . Tissue Specificity Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Function function:pH-dependent, voltage insensitive, outwardly rectifying potassium channel. Outward rectification is lost at high external K(+) concentrations, miscellaneous:Inhibited by quinine, quinidine and external acidification, similarity; Belongs to the two pore domain potassium channel (TC 1.A.1.8) family, subunit:Homodimer; disulfide-linked, tissue specificity:Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 54kD Cell Pathway Membrane; Multi-pass membrane protein. Tissue Specificity Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Function function:pH-dependent, voltage insensitive, outwardly rectifying potassium channel. Outward rectification is lost at high external K(+) concentrations.,miscellaneous:Inhibited by quinine, quinidine and external acidification.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family, subunit:Homodimer; disulfide-linked,tissue specificity:Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Source	Polyclonal, Rabbit,IgG
Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 54kD Cell Pathway Membrane; Multi-pass membrane protein. Tissue Specificity Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Function function:pH-dependent, voltage insensitive, outwardly rectifying potassium channel. Outward rectification is lost at high external K(+) concentrations, miscellaneous:Inhibited by quinine, quinidine and external acidification., similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family., subunit:Homodimer; disulfide-linked, tissue specificity:Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Purification	
Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 54kD Cell Pathway Membrane; Multi-pass membrane protein. Tissue Specificity Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Function function:pH-dependent, voltage insensitive, outwardly rectifying potassium channel. Outward rectification is lost at high external K(+) concentrations.,miscellaneous:Inhibited by quinine, quinidine and external acidification.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer; disulfide-linked.,tissue specificity:Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Dilution	WB 1:500-2000 ELISA 1:5000-20000
Storage Stability -20°C/1 year Synonyms Observed Band 54kD Cell Pathway Membrane; Multi-pass membrane protein. Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Function function:pH-dependent, voltage insensitive, outwardly rectifying potassium channel. Outward rectification is lost at high external K(+) concentrations.,miscellaneous:Inhibited by quinine, quinidine and external acidification.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer; disulfide-linked.,tissue specificity:Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Concentration	1 mg/ml
Synonyms Observed Band 54kD Cell Pathway Membrane; Multi-pass membrane protein. Tissue Specificity Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Function function:pH-dependent, voltage insensitive, outwardly rectifying potassium channel. Outward rectification is lost at high external K(+) concentrations.,miscellaneous:Inhibited by quinine, quinidine and external acidification.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer; disulfide-linked.,tissue specificity:Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Purity	≥90%
Observed Band Cell Pathway Membrane; Multi-pass membrane protein. Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Function function:pH-dependent, voltage insensitive, outwardly rectifying potassium channel. Outward rectification is lost at high external K(+) concentrations.,miscellaneous:Inhibited by quinine, quinidine and external acidification.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer; disulfide-linked.,tissue specificity:Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Storage Stability	-20°C/1 year
Cell Pathway Membrane; Multi-pass membrane protein. Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Function function:pH-dependent, voltage insensitive, outwardly rectifying potassium channel. Outward rectification is lost at high external K(+) concentrations.,miscellaneous:Inhibited by quinine, quinidine and external acidification.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer; disulfide-linked.,tissue specificity:Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Synonyms	
Tissue Specificity Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Function function:pH-dependent, voltage insensitive, outwardly rectifying potassium channel. Outward rectification is lost at high external K(+) concentrations.,miscellaneous:Inhibited by quinine, quinidine and external acidification.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer; disulfide-linked.,tissue specificity:Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Observed Band	54kD
intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Function function:pH-dependent, voltage insensitive, outwardly rectifying potassium channel. Outward rectification is lost at high external K(+) concentrations.,miscellaneous:Inhibited by quinine, quinidine and external acidification.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer; disulfide-linked.,tissue specificity:Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Cell Pathway	Membrane ; Multi-pass membrane protein .
channel. Outward rectification is lost at high external K(+) concentrations.,miscellaneous:Inhibited by quinine, quinidine and external acidification.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer; disulfide-linked.,tissue specificity:Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not	Tissue Specificity	intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts (PubMed:9812978). Not expressed in proximal tubules or glomeruli
	Function	channel. Outward rectification is lost at high external K(+) concentrations.,miscellaneous:Inhibited by quinine, quinidine and external acidification.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer; disulfide-linked.,tissue specificity:Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not

Nanjing BYabscience technology Co.,Ltd



国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询



Background	This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The message for this gene is mainly expressed in the cortical distal tubules and collecting ducts of the kidney. The protein is highly sensitive to external pH and this, in combination with its expression pattern, suggests it may play an important role in renal potassium transport. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658