



Syntaxin 1 Polyclonal Antibody

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA 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 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms STX1A; STX1; Syntaxin-1A; Neuron-specific antigen HPC-1 Observed Band 30kD Cell Pathway Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Single-pas type IV membrane protein. Cell junction, synapse, synaptosome. Cell membrane. ∴ Colocalizes with KCNB1 at the cell membrane. ∴ [Isoform 2]: Secreted. Tissue Specificity [Isoform 1]: Highly expressed in embryonic spinal cord and ganglia and in adult cerebellum and cerebral cortex. ∴ [Isoform 2]: Expressed in heart, liver, fat, skeletal muscle, kidney and brain. Function disease:Haploinsufficiency of STX1A may be the cause of certain cardiovascul and musculo-skeletal abnormalities observed in Williams-Beuren syndrome (WBS), a rare developmental disorder. It is a contiguous gene deletion syndrom involving genes from chromosome band 7q11.23. function:Potentially involved docking of synaptic vesicles at presynaptic active zones. May play a critical role neurotransmitter exocytosis. similarity. Belongs to the syntaxin family, similarity. Contains 1 t-SNARE colled-coil homology domain, subunit:Pai of the SNARE colled-coil homology domain, subunit:Pai		
Reactivity Human;Mouse;Rat Applications WB;IHC;IF;ELISA Gene Name STX1A Protein Name Syntaxin-1A Immunogen The antiserum was produced against synthesized peptide derived from the Internal region of human STX1A. AA range:31-80 Specificity Syntaxin 1 Polyclonal Antibody detects endogenous levels of Syntaxin 1 protein Specificity Syntaxin 1 Polyclonal Antibody detects endogenous levels of Syntaxin 1 protein Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA 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 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms STX1A; STX1; Syntaxin-1A; Neuron-specific antigen HPC-1 Observed Band 30kD Cell Pathway Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Single-pastype IV membrane protein. Cell junction, synapse, synaptosome. Cell membra. Colocalizes with KCNB1 at the cell membrane. [Isloofrom 1]: Secreted. Tissue Specificity Ilsoform 1]: Highly expressed in embryonic spinal cord and ganglia and in adult cerebral cortex.; [Isoform 2]: Expressed in heart, liver, fat, skeletal muscle, kidney and brain. Function disease:Haploinsufficiency of STX1A may be the cause of certain cardiovascul and musculo-skeletal abnormalities observed in Williams-Beuren syndrome (WBS), a rare developmental disorder. It is a contiguous gene deletion syndrom involving genes from chromosome band 7q11.23. function. Potentially involved docking of synaptic vesicles at presynaptic active zones. May play a critical role neurotransmitter exocytosis. similarity. Belongs to the syntaxin family, similarity. Contains 1 t-SNARE coiled-coil homology domain, subbnitt-Pai of the SNARE core complex containing SNAP25. (XMP2* and STX1A. This	Catalog No	BYab-00771
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Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA 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 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms STX1A; STX1; Syntaxin-1A; Neuron-specific antigen HPC-1 Observed Band 30kD Cell Pathway Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Single-pass type IV membrane protein. Cell junction, synapse, synaptosome. Cell membrane. ∴ Colocalizes with KCNB1 at the cell membrane. ∴ [Isoform 2]: Secreted. Tissue Specificity [Isoform 1]: Highly expressed in embryonic spinal cord and ganglia and in adult cerebellum and cerebral cortex. ∴ [Isoform 2]: Expressed in heart, liver, fat, skeletal musculo-skeletal abnormalities observed in Williams-Beuren syndrome (WBS), a rare developmental disorder. It is a contiguous gene deletion syndrom involving genes from chromosome band 7q11.23. function: Potentially involved docking of synaptic vesicles at presynaptic active zones. May play a critical role neurotransmitter exocytosis, similarity Belongs to the syntaxin family, similarity Contains 1 t-SNARE coiled-coil homology domain, subunit:Pain of the SNARE coiled-coil homology domain.	Immunogen	
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Nanjing Ryahscience technology Co. Ltd	Function	(WBS), a rare developmental disorder. It is a contiguous gene deletion syndrome involving genes from chromosome band 7q11.23.,function:Potentially involved in docking of synaptic vesicles at presynaptic active zones. May play a critical role in neurotransmitter exocytosis.,similarity:Belongs to the syntaxin family.,similarity:Contains 1 t-SNARE coiled-coil homology domain.,subunit:Part of the SNARE core complex containing SNAP25, VAMP2 and STX1A. This complex binds to CPLX1. Binds SYTL4 and STXBP6. Found in a ternary complex

Nanjing BYabscience technology Co.,Ltd

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



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



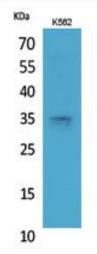
	with STX1A and SNAP25. Interacts with OTOF (By similarity). Found in a complex with VAMP8 and SNAP23. Interacts with VAPA and SYBU.,tissue specificity:Isoform 1 is highly expressed in embryonic spinal chord and ganglia
Background	This gene encodes a member of the syntaxin superfamily. Syntaxins are nervous system-specific proteins implicated in the docking of synaptic vesicles with the presynaptic plasma membrane. Syntaxins possess a single C-terminal transmembrane domain, a SNARE [Soluble NSF (N-ethylmaleimide-sensitive fusion protein)-Attachment protein REceptor] domain (known as H3), and an N-terminal regulatory domain (Habc). Syntaxins bind synaptotagmin in a calcium-dependent fashion and interact with voltage dependent calcium and potassium channels via the C-terminal H3 domain. This gene product is a key molecule in ion channel regulation and synaptic exocytosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009],
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.

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

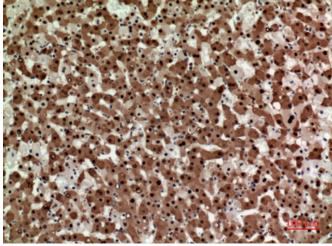




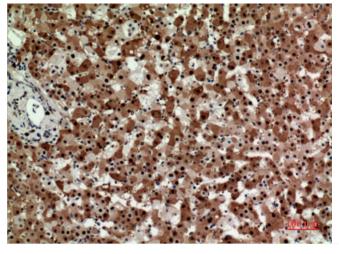
Products Images



Western Blot analysis of K562 cells using Syntaxin 1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



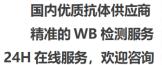
Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



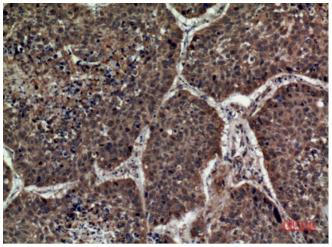
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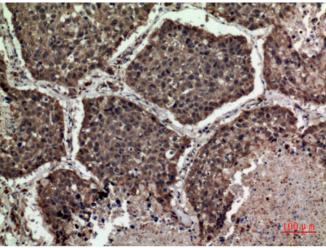








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