





Casein Kinase I α (phospho Thr321) Polyclonal Antibody

Catalog No BYab-14386 Isotype IgG Reactivity Human; Mouse; Rat Applications WB; IHC; IF; ELISA Gene Name CSNK1A1 Protein Name Casein kinase I sioform alpha Immunogen The antiserum was produced against synthesized peptide derived from human Casein Kinase I alpha around the phosphorylation site of Tyr321. AA range:287-336 Specificity Phospho-Casein Kinase Iα (Y321) Polyclonal Antibody detects endogenous levels of Casein Kinase Iα protein only when phosphorylated at Y321. 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: 1/100 - 1/300. ELISA: 1/5000. IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CSNK1A1; Casein kinase I isoform alpha; CKI-alpha; CK1 Observed Band 35kD Cell Pathway Cytoplasm. Cytoplasm. cytoskeleton, microtubule organizing center, centrosome in interphase cells, and to kinetochore ibers during mitosis. Also re		
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Nanjing BYabscience technology Co.,Ltd

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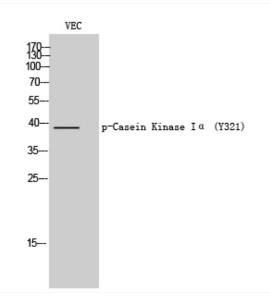


	'Ser-45'.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. Casein kinase I subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Monomer. Interacts with the Axin complex.,
Background	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Phosphorylates CTNNB1 on 'Ser-45'.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. Casein kinase I subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Monomer. Interacts with the Axin complex.,
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.

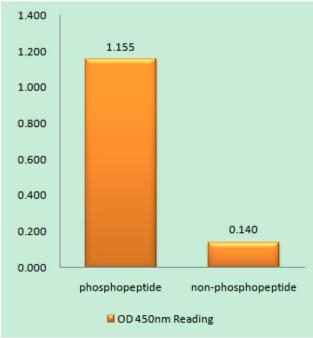




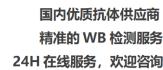
Products Images



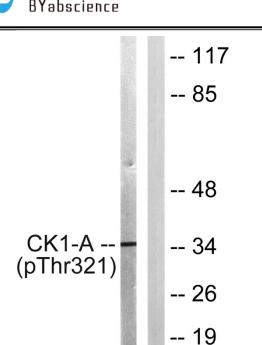
Western Blot analysis of VEC cells using Phospho-Casein Kinase Iα (Y321) Polyclonal Antibody



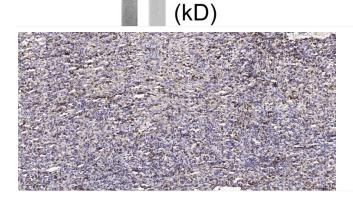
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Casein Kinase I alpha (Phospho-Tyr321) Antibody







Western blot analysis of lysates from HUVEC cells, using Casein Kinase I alpha (Phospho-Tyr321) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded human spleen tissue. 1,primary Antibody was diluted at 1:200(4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200

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