

(Tel: 400-999-8863 ■ Email:Upingbio.163.com



CaMKIβ Polyclonal Antibody

CaM kinase IB; CaM-KI beta; CaMKI-beta; Pregnancy up-regulated non-ubiquitously-expressed CaM kinase Observed Band 38kD Cell Pathway Cytoplasm . Nucleus . Tissue Specificity Brain, Liver, Placenta, Thalamus, Function catalytic activity: ATP + a protein = ADP + a phosphoprotein., enzyme regulation: Activated by Ca(2+)/calmodulin., function: Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. In vitro phosphorylates CREB1 and SYN1/synapsin I. Phosphorylates and activates CAMK1., PTM: Phosphorylated by CAMKK1., similarity: Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. CaMK subfamily., similarity: Contains 1 protein kinase domain., PNCK is a member of the calcium/calmodulin-dependent protein kinase family of		
Reactivity Human; Mouse; Rat Applications WB; IHC; IF; ELISA Gene Name PNCK Protein Name Calcium/calmodulin-dependent protein kinase type 1B Immunogen The antiserum was produced against synthesized peptide derived from human CaMK1-beta. AA range:161-210 Specificity CaMKIβ Polyclonal Antibody detects endogenous levels of CaMKIβ 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: 1/100 - 1/300. ELISA: 1/10000 IF 1:50-200 Concentration 1 mg/ml Purity 290% Storage Stability -20°C/1 year Synonyms PNCK; Calcium/calmodulin-dependent protein kinase type 1B; CaM kinase I beta; CaM kinase IB; CaM-KI beta; CaMKI-beta; Pregnancy up-regulated non-ubiquitously-expressed CaM kinase Observed Band 38kD Cell Pathway Cytoplasm . Nucleus . Tissue Specificity Brain, Liver, Placenta, Thalamus, Function catalytic activity-ATP + a protein = ADP + a phosphoprotein, enzyme regula	Catalog No	YP-Ab-14691
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	Background	PNCK is a member of the calcium/calmodulin-dependent protein kinase family of protein serine/threonine kinases (see CAMK1; MIM 604998) (Gardner et al., 2000 [PubMed 10673339]).[supplied by OMIM, Mar 2008],



UpingBio technology Co.,Ltd

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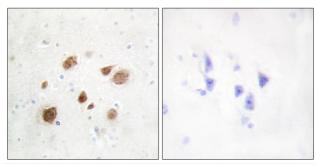
matters needing attention

Avoid repeated freezing and thawing!

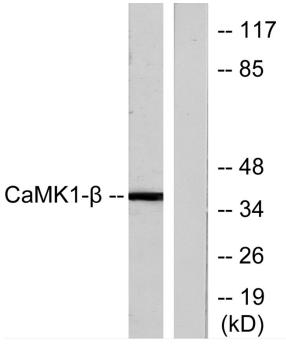
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CaMK1-beta Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from LOVO cells, treated with H2O2 100uM 30', using CaMK1-beta Antibody. The lane on the right is blocked with the synthesized peptide.