

Anti-CaMK beta antibody



Description	Rabbit polyclonal to CaMKIbeta.
Model	STJ91994
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human CaMKIbeta
Immunogen Region	130-210 aa, Internal
Gene ID	139728
Gene Symbol	PNCK
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000
Specificity	CaMKIbeta Polyclonal Antibody detects endogenous levels of CaMKIbeta protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	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
Molecular Weight	38 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:13415OMIM:300680
Alternative Names	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
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 .
Cellular Localization	Cytoplasm Nucleus
Post-translational Modifications	Phosphorylated by CAMKK1.

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