

Rabbit CaMK1-beta Polyclonal Antibody | anti-CaMK1-beta antibody

CaMK1-beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307118	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

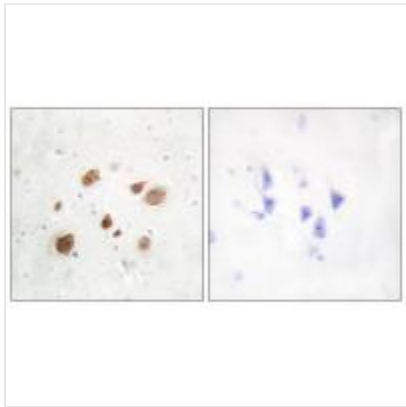
PRODUCT SYNONYMS

CaMK1-beta; Polyclonal Antibody; CaMK1-beta Antibody; CaMK1-b Antibody; Calcium/calmodulin-dependent protein kinase type 1B; EC 2.7.11.17; CaM kinase IB; CaM kinase I beta; CaMKI-beta; anti-CaMK1-beta antibody

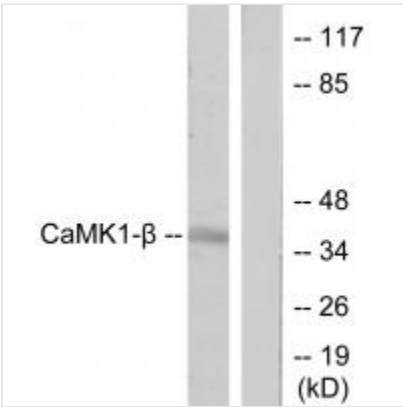
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CaMK1-b protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	426
Applicable Applications for anti-CaMK1-beta antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CaMK1-b.
Target Name	CaMK1-b
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain tissue using CaMK1-b antibody.



WB (Western Blot)
Western blot analysis of extracts from LOVO cells, treated with H2O2 (100uM, 30mins), using CaMK1-b antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CaMK1-beta antibody	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 By similarity.Li W.B., Submitted (JUL-2004) to the EMBL/GenBank/DDBJ databases.The MGC Project Team, Genome Res. 14:2121-2127(2004).Sjoebлом T., Science 314:268-274(2006).
Product Categories/Family for anti-CaMK1-beta antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	209364619
NCBI GeneID	139728
NCBI Accession #	NP_001034671.3
NCBI GenBank Nucleotide #	NM_001039582.3
UniProt Accession #	Q6P2M8; Q8N4R0; B4DJR8; B4E1A6; B7WPG0; D3DWU7
Molecular Weight	40,356 Da
NCBI Official Full Name	calcium/calmodulin-dependent protein kinase type 1B isoform a
NCBI Official Synonym Full Names	pregnancy up-regulated nonubiquitous CaM kinase
NCBI Official Symbol	PNCK
NCBI Official Synonym Symbols	BSTK3; CaMK1b
NCBI Protein Information	calcium/calmodulin-dependent protein kinase type 1B
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase type 1B
UniProt Gene Name	PNCK
UniProt Synonym Gene Names	CaM kinase IB; CaM-KI beta; CaMKI-beta
UniProt Entry Name	KCC1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.