

CaMK1-beta Antibody | anti-CaMK1-beta antibody

CaMK1-beta Antibody

CATALOG # AAA109629	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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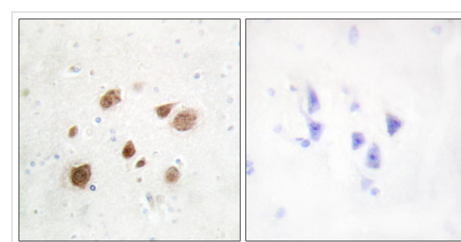
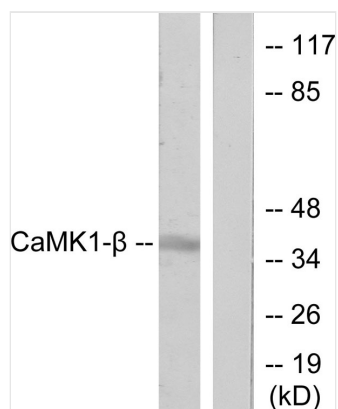
PRODUCT SYNONYMS

CaMK1-beta; CaMK1-beta Antibody; Calcium/calmodulin-dependent protein kinase type 1B; EC 2.7.11.17; CaM kinase IB; CaM kinase I beta; CaMKI-beta; CaM-KI beta; Pregnancy up-regulated non-ubiquitously-expressed CaM kinase; PNCK; anti-CaMK1-beta antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	CaMK1-beta antibody detects endogenous levels of total CaMK1-beta protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	426
Applicable Applications for anti-CaMK1-beta antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human CaMK1-beta.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
Peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using CaMK1-beta antibody. Western blot analysis of extracts from LOVO cells, treated with H₂O₂ (100uM, 30mins), using CaMK1-beta antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CaMK1-beta antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Li W.B., Submitted (JUL-2004) to the EMBL/GenBank/DDBJ databases. The MGC Project Team, Genome Res. 14:2121-2127(2004). Sjoebloom T., Science 314:268-274(2006).

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

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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/camk1-beta/109629>