

CaMK2-beta/gamma/delta Antibody | anti-CAMK2B antibody

CaMK2-beta/gamma/delta (Ab-287) Antibody

CATALOG # AAA267818	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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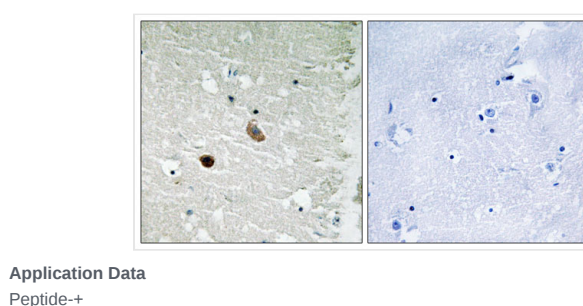
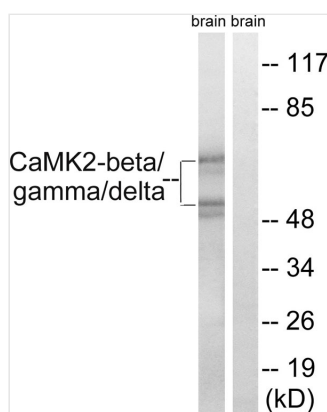
PRODUCT SYNONYMS

CaMK2-beta/gamma/delta; CaMK2-beta/gamma/delta (Ab-287) Antibody; Calcium/calmodulin-dependent protein kinase type II beta chain; CaM kinase II beta subunit; CaM-kinase II beta chain; CAM2; CaMK-II beta subunit; CAMK2B; CAMKB; EC 2.7.1.123; EC 2.7.11.17; KCC2B; kinase CaMK2-beta; anti-CAMK2B antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	CaMK2-beta/gamma/delta (Ab-287) antibody detects endogenous levels of total CaMK2-beta/gamma/delta 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	666
Applicable Applications for anti-CAMK2B antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human CaMK2-beta/gamma/delta around the phosphorylation site of threonine 287 (Q-E-TP-V-E).
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using CaMK2-beta/gamma/delta (Ab-287) antibody. Western blot analysis of extracts from rat brain cells, using CaMK2-beta/gamma/delta (Ab-287) antibody.

ADDITIONAL INFORMATION

References	Wang P., FEBS Lett. 475:107-110(2000). Leddy J.J., Submitted (MAR-1995) to the EMBL/GenBank/DBJ databases. Deloukas P., Nature 429:375-381(2004).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	26051204
NCBI GeneID	816
NCBI Accession #	NP_001211.3
NCBI GenBank Nucleotide #	NM_001220.4
UniProt Accession #	Q13554; O95437; O95438; O95599; Q9UGH7; A4D2K0; A4D2K1; A4D2K2; A4D2K3; A4D2K4; A4D2K5; A4D2K6
Molecular Weight	57,938 Da
NCBI Official Full Name	calcium/calmodulin-dependent protein kinase type II subunit beta isoform 1
NCBI Official Synonym Full Names	calcium/calmodulin dependent protein kinase II beta
NCBI Official Symbol	CAMK2B
NCBI Official Synonym Symbols	CAM2; CAMK2; CAMKB; MRD54
NCBI Protein Information	calcium/calmodulin-dependent protein kinase type II subunit beta
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase type II subunit beta
UniProt Gene Name	CAMK2B
UniProt Synonym Gene Names	CAM2; CAMK2; CAMKB; CaM kinase II subunit beta; CaMK-II subunit 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://www.aaabiotech.com/human-mouse-rat-antibody/camk2-beta-gamma-delta/267818>