

Rabbit CaMK2 beta/gamma Polyclonal Antibody | anti-CAMK2B antibody

Anti-CaMK2 beta/gamma (pT287) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259544	Rabbit	Human, Mouse, Rat, Bovine, Monkey, Porcine, Rabbit	Immunohistochemistry, Western Blot

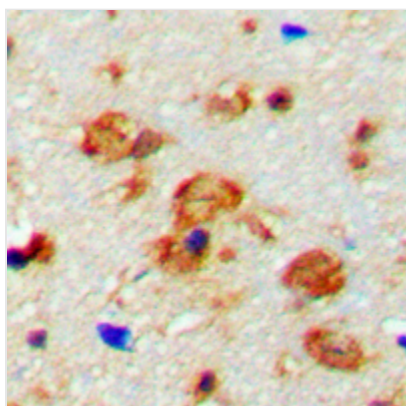
PRODUCT SYNONYMS

CaMK2 beta/gamma; Polyclonal Antibody; Anti-CaMK2 beta/gamma (pT287) Phospho Antibody; CAMK2B; CAM2; CAMK2; CAMKB; Calcium/calmodulin-dependent protein kinase type II subunit beta; CaM kinase II subunit beta; CaMK-II subunit beta; CAMK2G; CAMK; CAMK-II; CAMKG; Calcium/calmodulin-dependent protein kinase type II subunit gamma; CaM kinase II subunit gamma; CaMK-II subunit gamma; anti-CAMK2B antibody

PRODUCT SPECIFICATIONS

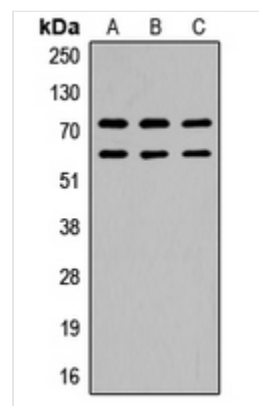
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Monkey, Porcine, Rabbit
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CaMK2 beta/gamma (pT287) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	666
Applicable Applications for anti-CAMK2B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CaMK2 beta/gamma (pT287). The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of CaMK2 beta/gamma (pT287) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of CaMK2 beta/gamma (pT287) expression in Raji (A), mouse brain (B), rat brain (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CAMK2B antibody	Rabbit polyclonal antibody to CaMK2 beta/gamma (pT287)
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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
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
UniProt Entry Name	KCC2B_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/camk2-beta-gamma-antibody-immunohistochemistry-western-blot-elisa/259544>