

Mouse CaMK2 beta Monoclonal Antibody | anti-CaMK2beta antibody

Anti-CaMK2 beta Antibody

CATALOG # AAA266072	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CaMK2 beta; Monoclonal Antibody; Anti-CaMK2 beta Antibody; anti-CaMK2beta antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	Recognizes endogenous levels of CaMK2 beta protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG1. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-CaMK2beta antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human CaMK2 beta. 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 staining in human cerebellum 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 expression in Jurkat (A), PC12 (B), human brain (C), mouse heart (D) whole cell lysates. (Predicted band size: 72 kD; Observed band size: 60 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-CaMK2beta antibody	Mouse monoclonal antibody to CaMK2 beta
Product Categories/Family for anti-CaMK2beta antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	334302890
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NCBI GeneID	816
UniProt Accession #	Q13554; P28652; P08413
Molecular Weight	664
NCBI Official Full Name	Calcium/calmodulin-dependent protein kinase type II subunit beta
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; caMK-II subunit beta; CaM-kinase II beta chain; CaM kinase II beta subunit; proline rich calmodulin-dependent protein kinase
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/monoclonal/camk2-beta-antibody-immunohistochemistry-western-blot-elisa/266072>