

Rabbit anti-Mouse, Rat CaMKII alpha Monoclonal Antibody | anti-CaMKIIalpha antibody

Anti-Phospho-CaMKII alpha (T286) Rabbit Monoclonal Antibody

CATALOG # AAA128155	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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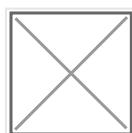
PRODUCT SYNONYMS

CaMKII alpha; Monoclonal Antibody; Anti-Phospho-CaMKII alpha (T286) Rabbit Monoclonal Antibody; anti-CaMKIIalpha antibody

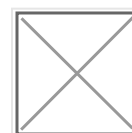
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	31C26
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Applicable Applications for anti-CaMKIIalpha antibody	IHC (Immunohistochemistry), WB (Western Blot)
Phospho Site	T286
Immunogen	A synthesized peptide derived from human Phospho-CaMKII alpha (T286)
Preparation and Storage	Store at -20 degree C for one year. For short term storage and frequent use, store at 4 degree C for up to one month. Avoid repeated freeze-thaw cycles.

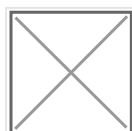
IMAGES


WB (Western Blot)

Western blot analysis of Phospho-CaMKII alpha (T286) expression in Mouse brain treated with Lambda phosphatase cell lysate.


WB (Western Blot)

All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.


WB (Western Blot)

All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CaMKIIalpha antibody	Primary Antibodies, Rabbit Monoclonal Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25952118
NCBI GeneID	815
NCBI Accession #	NP_741960.1
NCBI GenBank Nucleotide #	NM_171825.2
UniProt Accession #	Q9UQM7; Q9UL21; Q9Y2H4; Q9Y352
Molecular Weight	54,088 Da
NCBI Official Full Name	calcium/calmodulin-dependent protein kinase type II subunit alpha isoform 2
NCBI Official Synonym Full Names	calcium/calmodulin-dependent protein kinase II alpha
NCBI Official Symbol	CAMK2A
NCBI Official Synonym Symbols	CAMKA
NCBI Protein Information	calcium/calmodulin-dependent protein kinase type II subunit alpha; CaMKIIAlpha; CaMK-II alpha subunit; caMK-II subunit alpha; CaM-kinase II alpha chain; CaM kinase II alpha subunit; caM kinase II subunit alpha; calcium/calmodulin-dependent protein kinase
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase type II subunit alpha
UniProt Gene Name	CAMK2A
UniProt Synonym Gene Names	CAMKA; KIAA0968; CaM kinase II subunit alpha
UniProt Entry Name	KCC2A_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/camkii-alpha-antibody-clone-31c26-immunohistochemistry-western-blot-elisa/128155>