

Rabbit CaMK2 alpha/beta/delta Polyclonal Antibody | anti-CaMK2 alpha/beta/delta antibody

CaMK2 alpha/beta/delta (Phospho-Thr305) Antibody

CATALOG # AAA316056	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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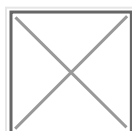
PRODUCT SYNONYMS

CaMK2 alpha/beta/delta; Polyclonal Antibody; CaMK2 alpha/beta/delta (Phospho-Thr305) Antibody; CAMK2A; CaM-kinase II alpha chain; CaMK-II alpha subunit; CaMKII-alpha; Calcium/calmodulin-dependent protein kinase type II alpha chain; KCC2A; kinase CaMK2-alpha; anti-CaMK2 alpha/beta/delta antibody

PRODUCT SPECIFICATIONS

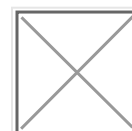
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	CaMK2 alpha/beta/delta (Phospho-Thr305) Antibody detects endogenous levels of CaMK2 alpha/beta/delta only when phosphorylated at Thr305.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	489
Applicable Applications for anti-CaMK2 alpha/beta/delta antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:T305/306/306; M:T305/306/306; R:T305/306/306
Immunogen	The antiserum was produced against synthesized peptide derived from human CaMK2 alpha/beta/delta around the phosphorylation site of Thr305.
Immunogen Range	271-320
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from NIH/3T3 cells, using CaMK2 alpha/beta/delta (Phospho-Thr305) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain, using CaMK2 alpha/beta/delta (Phospho-Thr305) Antibody. The picture on the right is blocked with the phospho peptide.

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 kDa
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; MRD53
NCBI Protein Information	calcium/calmodulin-dependent protein kinase type II subunit alpha
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; CaMK-II subunit alpha

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-alpha-beta-delta-antibody-immunohistochemistry-western-blot-elisa/316056>