

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

CaMK2 alpha/delta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA317032	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CaMK2 alpha/delta; Polyclonal Antibody; CaMK2 alpha/delta 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/delta antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	CaMK2 alpha/delta Antibody detects endogenous levels of total CaMK2 alpha/delta protein.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
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/delta antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human CaMK2 alpha/delta.
Immunogen Range	256-305
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



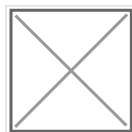
WB (Western Blot)

Western blot analysis of lysates from NIH/3T3 and K562 cells, using CaMK2 alpha/delta Antibody. The lane on the right is blocked with the synthesized peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CaMK2 alpha/delta Antibody. The picture on the right is blocked with the synthesized peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cells, using CaMK2 alpha/delta Antibody. The picture on the right is blocked with the synthesized 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-delta-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/317032>