

Rabbit CAMK2A Polyclonal Antibody | anti-CAMK2A antibody

CAMK2A Polyclonal Antibody

CATALOG # AAA175889	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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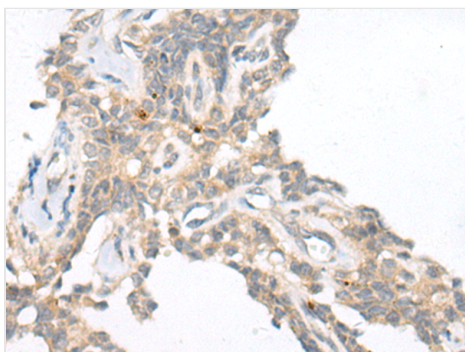
PRODUCT SYNONYMS

CAMK2A; Polyclonal Antibody; CAMK2A Polyclonal Antibody; Alpha CaMKII; Calcium calmodulin dependent protein kinase II; Calcium/calmodulin dependent protein kinase II alpha B subunit; Calcium/calmodulin dependent protein kinase type II alpha chain; Calcium/calmodulin-dependent protein kinase (CaM kinase) II alpha; Calcium/calmodulin-dependent protein kinase II alpha; Calcium/calmodulin-dependent protein kinase II-alpha; Calcium/calmodulin-dependent protein kinase type II subunit alpha; Calcium/calmodulin-dependent protein kinase type IIA; CaM kinase II alpha chain; CaM kinase II alpha subunit; CaM kinase II subunit alpha; CaMK II alpha subunit; CaMK-II subunit alpha; Camk2a; CAMKA; CaMKII; CaMKIINalpha; EC 2.7.11.17; KCC2A; KIAA0968; MGC123320; MGC139375; MGC155201; MKIAA0968; PK2CDD; PKCCD; R74975; Zgc:112538; Zgc:123320; anti-CAMK2A antibody

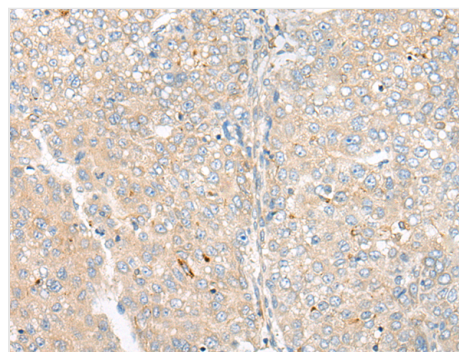
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.8mg/mL (varies by lot)
Sequence Length	478
Applicable Applications for anti-CAMK2A antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human CAMK2A
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using CAMK2A Polyclonal Antibody at dilution of 1:55(×200)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CAMK2A Polyclonal Antibody at dilution of 1:55(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-CAMK2A antibody	The product of this gene belongs to the serine/threonine protein kinases family, and to the Ca(2+)/calmodulin-dependent protein kinases subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses. This calcium calmodulin-dependent protein kinase is composed of four different chains: alpha, beta, gamma, and delta. The alpha chain encoded by this gene is required for hippocampal long-term potentiation (LTP) and spatial learning. In addition to its calcium-calmodulin (CaM)-dependent activity, this protein can undergo autophosphorylation, resulting in CaM-independent activity. Two transcript variants encoding distinct isoforms have been identified for this gene.
Product Categories/Family for anti-CAMK2A antibody	Cancer; Cardiovascular; Metabolism; Neuroscience; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	25952118
NCBI GeneID	815
NCBI Accession #	NP_741960.1
NCBI GenBank Nucleotide #	NP_741960.1
UniProt Accession #	Q9UQM7
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; MRT63; CaMKIIalpha; CaMKIINalpha
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/camk2a-antibody-immunohistochemistry-elisa/175889>