Rabbit CaMK2 alpha/beta/delta Polyclonal Antibody | anti-CaMK2alpha/beta/delta antibody

Rabbit anti-CaMK2 alpha/beta/delta (pT305) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223595	**Rabbit**	**Human, Mouse, Rat, Bovine, Chicken, Pig, Rabbit, Zebrafish**	**Immunohistochemistry, Western Blot**

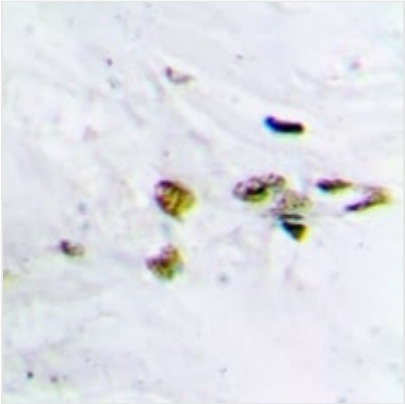
PRODUCT SYNONYMS

CaMK2 alpha/beta/delta; Polyclonal Antibody; Rabbit anti-CaMK2 alpha/beta/delta (pT305) Antibody; CAMK2A; CAMKA; KIAA0968; Calcium/calmodulin-dependent protein kinase type II subunit alpha; CaM kinase II subunit alpha; CaMK-II subunit alpha; CAMK2B; CAM2; CAMK2; CAMKB; Calcium/calmodulin-dependent protein kinase type II subunit beta; CaM kinase II subunit beta; CaMK-II subunit beta; CAMK2D; CAMKD; Calcium/calmodulin-dependent protein kinase type II subunit delta; CaM kinase II subunit delta; CaMK-II subunit delta; anti-CaMK2alpha/beta/delta antibody

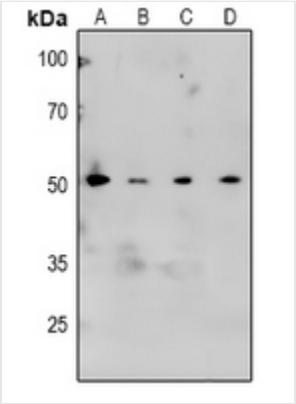
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Pig, Rabbit, Zebrafish
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CaMK2alpha/beta/delta antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CaMK2 alpha/beta/delta. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of CaMK2 alpha/beta/delta (pT305) staining in human brain 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 alpha/beta/delta (pT305) expression in HEK293T (A), U87MG (B), A549 (C), rat brain (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CaMK2alpha/beta/delta antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	25952118
NCBI GeneID	815
NCBI Accession #	NP_741960.1
NCBI GenBank Nucleotide #	NM_171825.2
UniProt Accession #	Q9UQM7; Q13554; Q13557; P11798; P28652; Q6PHZ2; P11275; P08413; P15791
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; CaMKIINalpha; 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://www.aaabiotech.com/polyclonal/camk2-alpha-beta-delta-antibody-immunohistochemistry-western-blot-elisa/223595