

Rabbit CaMK2 alpha/beta/delta Polyclonal Antibody | anti-CAMK2A antibody

Anti-CaMK2 alpha/beta/delta (pT305) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263868	Rabbit	Human, Mouse, Rat, Bovine, Chicken, Pig, Rabbit, Zebrafish	Immunohistochemistry, Western Blot

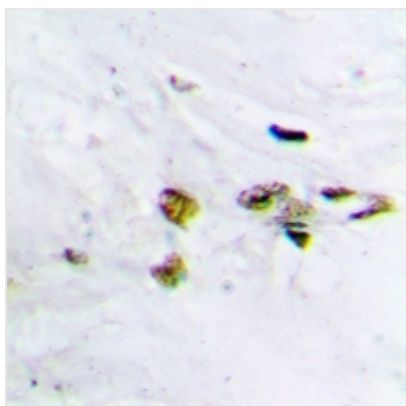
PRODUCT SYNONYMS

CaMK2 alpha/beta/delta; Polyclonal Antibody; Anti-CaMK2 alpha/beta/delta (pT305) Phospho 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-CAMK2A antibody

PRODUCT SPECIFICATIONS

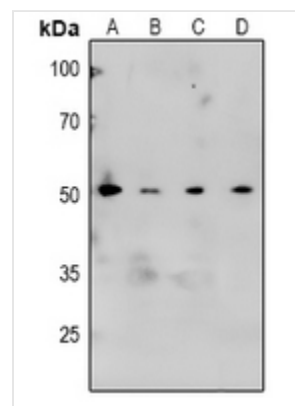
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Pig, Rabbit, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CaMK2 alpha/beta/delta (pT305) protein.
Purity/Purification	Purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	478
Applicable Applications for anti-CAMK2A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CaMK2 alpha/beta/delta.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

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

Related Product Information for anti-CAMK2A antibody	Rabbit polyclonal antibody to CaMK2 alpha/beta/delta (pT305)
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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	55,320 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; MRD53; MRT63; 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; 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://www.aaabiotech.com/polyclonal/camk2-alpha-beta-delta-antibody-immunohistochemistry-western-blot-elisa/263868>