

Rabbit CaMK2 Polyclonal Antibody | anti-CaMK2 antibody

CaMK2 antibody (Thr286)

CATALOG #	HOST	APPLICATIONS
AAA224190	Rabbit	Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

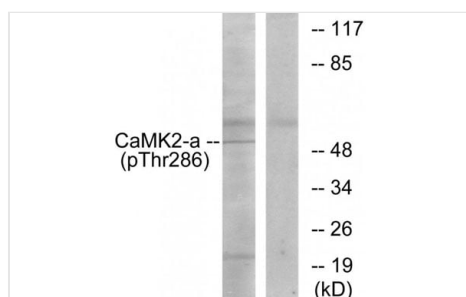
PRODUCT SYNONYMS

CaMK2; Polyclonal Antibody; CaMK2 antibody (Thr286); Polyclonal CaMK2; Anti-CaMK2; calcium/calmodulin-dependent protein kinase (CaM kinase) II alpha; calcium/calmodulin-dependent protein kinase II alpha; calcium/calmodulin-dependent protein kinase II alpha-B subunit; calcium/calmodulin-dependent protein kinase type II alpha chain; Calcium/calmodulin-dependent protein kinase type II subunit alpha; CaM kinase II alpha subunit; CaM kinase II subunit alpha; CaM-kinase II alpha chain; CaMK-II alpha subunit; CaMK-II subunit alpha; CAMK2A; CAMKA; CaMKII; CaMKIINalpha; KCC2A; KIAA0968; anti-CaMK2 antibody

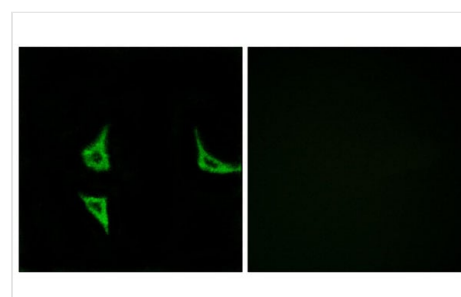
PRODUCT SPECIFICATIONS

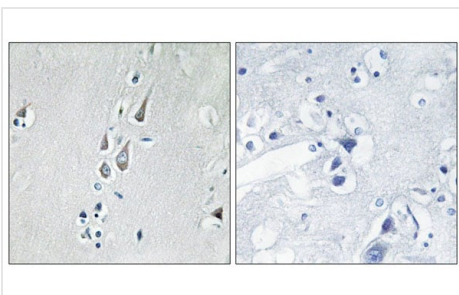
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	CaMK2 antibody (Thr286) detects endogenous levels of CaMK2 only when phosphorylated at threonine 286
Purity/Purification	CaMK2 antibody was purified by affinity chromatography
Form/Format	Supplied in liquid format, PBS buffer, pH 7.4, 150mM NaCl with added preservative 0.02% sodium azide and 50% glycerol
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-CaMK2 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Biological Significance	CaMK2 is a protein kinase of the CAMK2 family. A prominent kinase in the central nervous system that may function in long-term potentiation and neurotransmitter release.
Cross-Reactivity	Mouse, Rat - Reactive with proteins phosphorylated as follows: Human: Thr286/ Thr287, Mouse: Thr286/ Thr287, Rat: Thr286/ Thr287
Immunogen	CaMK2 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human CaMK2 around the phosphorylation site of threonine 286 (Q-E-TP-V-D) as the immunogen
Preparation and Storage	Aliquot and store at -20 degree C. Avoid repeated freeze thaw cycles

IMAGES


WB (Western Blot)

Western blot analysis of extracts from K562 cells, using CaMK2 (Phospho-Thr286) antibody.


IF (Immunofluorescence)



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using CaMK2 (Phospho-Thr286) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CaMK2 antibody	Rabbit polyclonal CaMK2 antibody (Thr286)
Product Categories/Family for anti-CaMK2 antibody	Proteases ; Inhibitors ; & Enzymes ; Purified Polyclonal Antibodies

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-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/224190>