

Rabbit CaMK4 Polyclonal Antibody | anti-CaMK4 antibody

CaMK4 (Phospho-Thr196/200) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316321	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CaMK4; Polyclonal Antibody; CaMK4 (Phospho-Thr196/200) Antibody; Calcium/calmodulin-dependent protein kinase type IV catalytic chain; Calspermin; CAM kinase-GR; CaMK IV; CAMK4; CaMKIV; KCC4; kinase CaMK4; anti-CaMK4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	CaMK4 (Phospho-Thr196/200) Antibody detects endogenous levels of CaMK4 only when phosphorylated at Thr196/200.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	473
Applicable Applications for anti-CaMK4 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:T200; M:T196; R:T196
Immunogen	The antiserum was produced against synthesized peptide derived from human CaMK4 around the phosphorylation site of Thr196/200.
Immunogen Range	166-215
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from K562 cells treated with H₂O₂ 100uM 30', using CaMK4 (Phospho-Thr196/200) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain, using CaMK4 (Phospho-Thr196/200) Antibody. The picture on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using CaMK4 (Phospho-Thr196/200) Antibody.
The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1020738596
NCBI GeneID	814
NCBI Accession #	NP_001310303.1
NCBI GenBank Nucleotide #	NM_001323374.1
UniProt Accession #	Q16566; D3DSZ7
Molecular Weight	51 kDa
NCBI Official Full Name	calcium/calmodulin-dependent protein kinase type IV isoform 1
NCBI Official Synonym Full Names	calcium/calmodulin dependent protein kinase IV
NCBI Official Symbol	CAMK4
NCBI Official Synonym Symbols	caMK; CaMK IV; CaMK-GR
NCBI Protein Information	calcium/calmodulin-dependent protein kinase type IV
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase type IV
UniProt Gene Name	CAMK4
UniProt Synonym Gene Names	CAMK; CAMK-GR; CAMKIV; CaMK IV

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/camk4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/316321>