

Rabbit anti-Human CAMK4 Polyclonal Antibody | anti-CAMK4 antibody

CAMK4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305401	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

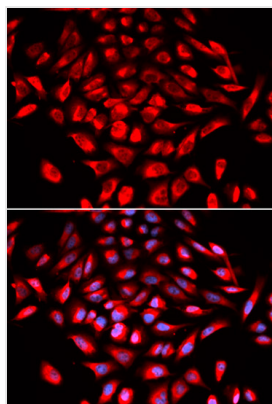
PRODUCT SYNONYMS

CAMK4; Polyclonal Antibody; CAMK4 Antibody; IV; caMK; CaMKIV; CaMK-GR; anti-CAMK4 antibody

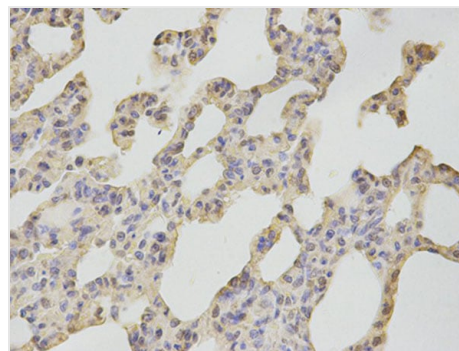
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CAMK4 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	473
Applicable Applications for anti-CAMK4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CAMK4.
Target Name	CAMK4
Preparation and Storage	Store at -20 degree C

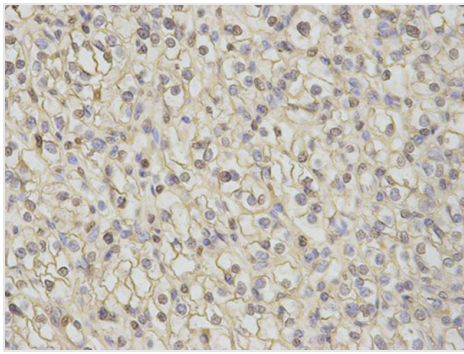
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using CAMK4 antibody. Blue: DAPI for nuclear staining.

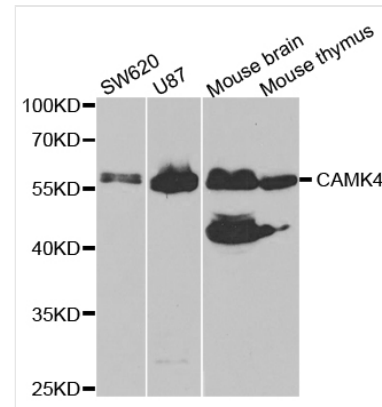

IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat lung using CAMK4 antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney cancer using CAMK4 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CAMK4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CAMK4 antibody	The product of this gene belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This enzyme is a multifunctional serine/threonine protein kinase with limited tissue distribution, that has been implicated in transcriptional regulation in lymphocytes, neurons and male germ cells.
Product Categories/Family for anti-CAMK4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502557
NCBI GeneID	814
NCBI Accession #	NP_001735.1
NCBI GenBank Nucleotide #	NM_001744.4
UniProt Accession #	Q16566; D3DSZ7
Molecular Weight	51,926 Da
NCBI Official Full Name	calcium/calmodulin-dependent protein kinase type IV
NCBI Official Synonym Full Names	calcium/calmodulin-dependent protein kinase IV
NCBI Official Symbol	CAMK4
NCBI Official Synonym Symbols	IV; 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
UniProt Entry Name	KCC4_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://stage.aaabiotech.com/polyclonal/camk4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/305401>