

Rabbit anti-Human CaMKK alpha Polyclonal Antibody | anti-CaMKKalpha antibody

Rabbit anti-CaMKK alpha Antibody, Affinity Purified

CATALOG # AAA211958	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Immunoprecipitation
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PRODUCT SYNONYMS

CaMKK alpha; Polyclonal Antibody; Rabbit anti-CaMKK alpha Antibody; Affinity Purified; caM-KK 1; caM-kinase kinase 1; CAMKKA; CAMKK alpha protein; caM-KK alpha; caM-kinase kinase alpha; caM-kinase IV kinase; calcium/calmodulin-dependent protein kinase kinase alpha; calcium/calmodulin-dependent protein kinase kinase 1; alpha; caMKK 1; Calcium/calmodulin-dependent protein kinase kinase 1; calcium/calmodulin dependent protein kinase kinase 1; anti-CaMKKalpha antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CaMKKalpha antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Mouse, Rat
Immunogen	Between 175 and 225
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human CaMKK alpha by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-CaMKK alpha antibody AAA211958 used for IP at 3 ug/mg lysate. CaMKK alpha was also immunoprecipitated by rabbit anti-CaMKK alpha antibody which recognizes a downstream epitope. For blotting immunoprecipitated CaMKK alpha, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human CaMKK alpha by immunohistochemistry. Sample: FFPE section of human lung carcinoma (left) and human prostate carcinoma (right). Antibody: Affinity purified rabbit anti-CaMKK alpha (Cat. No. AAA211958 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CaMKKalpha antibody

CaMKK alpha is a calcium/calmodulin-dependent protein kinase that phosphorylates CAMK1, CAMK1D, CAMK1G and CAMK4. CaMKK alpha is involved in regulating cell apoptosis. It promotes cell survival by phosphorylating AKT1/PKB that inhibits pro-apoptotic BAD/Bcl2-antagonist of cell death [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q8N5S9].

NCBI AND UNIPROT INFORMATION

NCBI GI #	14150045
NCBI GeneID	84254
NCBI Accession #	NP_115670.1
NCBI GenBank Nucleotide #	NM_032294.2
UniProt Accession #	Q8N5S9; Q9BQH3
Molecular Weight	57,523 Da
NCBI Official Full Name	calcium/calmodulin-dependent protein kinase kinase 1 isoform a
NCBI Official Synonym Full Names	calcium/calmodulin-dependent protein kinase kinase 1, alpha
NCBI Official Symbol	CAMKK1
NCBI Official Synonym Symbols	CAMKKA
NCBI Protein Information	calcium/calmodulin-dependent protein kinase kinase 1; caMKK 1; caM-KK 1; caM-KK alpha; CAMKK alpha protein; caM-kinase kinase 1; caM-kinase IV kinase; caM-kinase kinase alpha; calcium/calmodulin-dependent protein kinase kinase alpha
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase kinase 1
UniProt Gene Name	CAMKK1
UniProt Synonym Gene Names	CAMKKA; CaM-KK 1; CaM-kinase kinase 1; CaMKK 1; CaM-KK alpha; CaM-kinase kinase alpha; CaMKK alpha
UniProt Entry Name	KKCC1_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/camkk-alpha-antibody-immunohistochemistry-immunoprecipitation-elisa/211958>