

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

Anti-CAMKV Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255549	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

CAMKV; Polyclonal Antibody; Anti-CAMKV Antibody; Rabbit Polyclonal; CAMKV Antibody; Rabbit PAb; Antigen Affinity Purified; CaM kinase-like vesicle-associated; Anti-1G5 Antibody; Anti-VACAMKL Antibody; anti-CAMKV antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CAMKV
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CAMKV antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human CAMKV Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human CAMKV (rh CAMKV). CAMKV specific IgG was purified by Human CAMKV affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of CAMKV in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human CAMKV polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human CAMKV in human brain with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CAMKV antibody	CaM kinase-like vesicle-associated protein, also known as CAMKV, is a peripheral membrane protein and Cytoplasmic vesicle membrane protein which belongs to the protein kinase superfamily and CAMK Ser/Thr protein kinase family. CAMKV contains one protein kinase domain. It is predominantly observed in association with the plasma membrane of soma and in neurites, both axons and dendrites. CAMKV may be associated with vesicular structures. It does not appear to have detectable kinase activity. Protein kinases are a group of enzymes that move a phosphate group onto proteins, in a process called phosphorylation. Protein kinases function as an on/off switch for many cellular processes, including metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. They also function in embryonic development, physiological responses, and in the nervous and immune system. Abnormal phosphorylation causes many human diseases, including cancer, and drugs that affect phosphorylation can treat those diseases. The protein kinase domain is a structurally conserved protein domain containing the catalytic function of protein kinases. Protein kinases play a role in a multitude of cellular processes, including division, proliferation, apoptosis, and differentiation. Phosphorylation usually results in a functional change of the target protein by changing enzyme activity, cellular location, or association with other proteins.
Product Categories/Family for anti-CAMKV antibody	EGFR Signaling Pathway
References	Hunter T, et al., 1988, Science. 241 (4861): 42-51. Wiemann S., et al., 2001, Genome Res. 11:422-435. G. Manning, et al., 2002, Science 6. 298:1912-1934. Manning G, et al., 2002, Science. 298 (5600): 1912-34. Ota T., et al., 2004, Nat. Genet. 36:40-45.

NCBI AND UNIPROT INFORMATION

NCBI GI #	83776596
NCBI GeneID	79012
NCBI Accession #	NP_076951.2
NCBI GenBank Nucleotide #	NM_024046.3
UniProt Accession #	Q8NCB2 ; Q6FIB8 ; Q8NBS8 ; Q8NC85 ; Q8NDU4 ; Q8WTT8 ; Q9BQC9 ; Q9H0Q5 ; A6NFD4
Molecular Weight	54,354 Da
NCBI Official Full Name	caM kinase-like vesicle-associated protein
NCBI Official Synonym Full Names	CaM kinase-like vesicle-associated
NCBI Official Symbol	CAMKV
NCBI Official Synonym Symbols	1G5; VACAMKL
NCBI Protein Information	caM kinase-like vesicle-associated protein; vesicle-associated calmodulin-binding protein
UniProt Protein Name	CaM kinase-like vesicle-associated protein
UniProt Gene Name	CAMKV
UniProt Entry Name	CAMKV_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/camkv-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/255549>