

Rabbit anti-Human CAMK1D (CAMK1 delta) Polyclonal Antibody | anti-CAMK1D antibody

CAMK1D (CAMK1 delta) Antibody (C-term)

CATALOG # AAA284057	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

CAMK1D (CAMK1 delta); Polyclonal Antibody; CAMK1D (CAMK1 delta) Antibody (C-term); Calcium/calmodulin-dependent protein kinase type 1D; CaM kinase I delta; CaM kinase ID; CaM-KI delta; CaMKI delta; CaMKID; CaMKI-like protein kinase; CKLiK; CAMK1D; CAMKID; anti-CAMK1D antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CAMK1D (CAMK1 delta) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 302-333 amino acids from the C-terminal region of human CAMK1D (CAMK1 delta).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	302-333
Sequence Length	357
Applicable Applications for anti-CAMK1D antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with CAMK1-like Antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

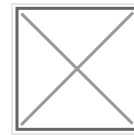


IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

**WB (Western Blot)**

Western blot analysis of CAMK1D (arrow) using CAMK1D (CAMK1 delta)Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CAMK1D gene (Lane 2).

**WB (Western Blot)**

Western blot analysis of anti-CAMK1-like C-term Pab in NCIH460 cell lysate. CAMK1-like (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-CAMK1D antibody	CAMK1-like protein kinase belongs to a proposed calcium-triggered signaling cascade. This protein is expressed in polymorphonuclear leukocytes (PMNs) and may be part of the chemokine signal transduction pathway that regulates granulocyte function. CAMK1-like protein kinase may play a role in apoptosis of erythroleukemia cells. It activates MAP kinase MAPK3, and in vitro, phosphorylates transcription factor CREM isoform Beta and probably CREB1.
Product Categories/Family for anti-CAMK1D antibody	Cancer ; Cell Biology ; Signal transduction
References	Verploegen, S., et al., Blood 96(9):3215-3223 (2000). Ishikawa, Y., et al., FEBS Lett. 550 (1-3), 57-63 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	9966875
NCBI GeneID	57118
NCBI Accession #	NP_065130.1 ; NP_705718.1
NCBI GenBank Nucleotide #	NM_020397.3
UniProt Accession #	Q8IU85 ; Q9HD31 ; B0YIY0
Molecular Weight	42914
NCBI Official Full Name	calcium/calmodulin-dependent protein kinase type 1D isoform 1
NCBI Official Synonym Full Names	calcium/calmodulin-dependent protein kinase ID
NCBI Official Symbol	CAMK1D
NCBI Official Synonym Symbols	CKLiK; CaM-K1; CaMKID
NCBI Protein Information	calcium/calmodulin-dependent protein kinase type 1D
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase type 1D
UniProt Gene Name	CAMK1D
UniProt Synonym Gene Names	CAMKID; CaM kinase ID; CaM-KI delta; CaMKI delta; CaMKID; CKLiK
UniProt Entry Name	KCC1D_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/camk1d-camk1-delta-antibody-immunohistochemistry-western-blot-elisa/284057>