

Rabbit CALD1 Polyclonal Antibody | anti-CALD1 antibody

CALD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306011	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

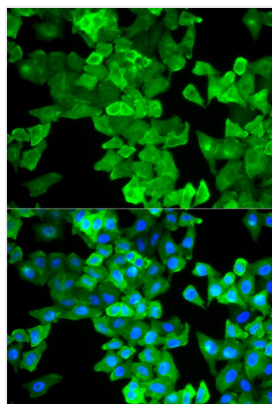
PRODUCT SYNONYMS

CALD1; Polyclonal Antibody; CALD1 Antibody; CDM; HCAD; LCAD; H-CAD; L-CAD; anti-CALD1 antibody

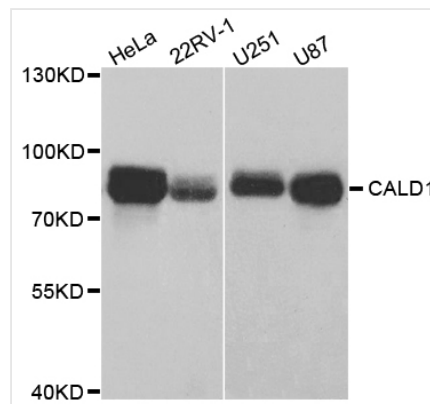
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CALD1 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	538
Applicable Applications for anti-CALD1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CALD1.
Target Name	CALD1
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cell using CALD1 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CALD1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CALD1 antibody	This gene encodes a calmodulin- and actin-binding protein that plays an essential role in the regulation of smooth muscle and nonmuscle contraction. The conserved domain of this protein possesses the binding activities to Ca(2+)-calmodulin, actin, tropomyosin, myosin, and phospholipids. This protein is a potent inhibitor of the actin-tropomyosin activated myosin MgATPase, and serves as a mediating factor for Ca(2+)-dependent inhibition of smooth muscle contraction. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms.
Product Categories/Family for anti-CALD1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826657
NCBI GeneID	800
NCBI Accession #	NP_004333.1
NCBI GenBank Nucleotide #	NM_004342.6
UniProt Accession #	Q05682; Q13978; Q13979; Q14741; Q14742; Q9UD91; A8K0X1
Molecular Weight	65,620 Da
NCBI Official Full Name	caldesmon isoform 2
NCBI Official Synonym Full Names	caldesmon 1
NCBI Official Symbol	CALD1
NCBI Official Synonym Symbols	CDM; HCAD; LCAD; H-CAD; L-CAD; NAG22
NCBI Protein Information	caldesmon
UniProt Protein Name	Caldesmon
UniProt Gene Name	CALD1
UniProt Synonym Gene Names	CAD; CDM; CDM
UniProt Entry Name	CALD1_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://www.aaabiotech.com/polyclonal/cald1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306011>