

Rabbit Caldesmon Polyclonal Antibody | anti-CALD1 antibody

Phospho-Caldesmon (S789) Polyclonal Antibody

CATALOG # AAA172094	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Caldesmon; Polyclonal Antibody; Phospho-Caldesmon (S789) Polyclonal Antibody; CALD1; CAD; CDM; anti-CALD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH 7.4
Sequence Length	793
Applicable Applications for anti-CALD1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from human Caldesmon around the phosphorylation site of S789.
Note	Centrifuge before opening to ensure complete recovery of vial contents
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of 293T cells with Phospho-Caldesmon (Ser789) Polyclonal 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	Phospho Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	180195
NCBI GeneID	800
Molecular Weight	Calculated MW: 120-150 kDa, 60-90 kDa Observed MW: 80 kDa
NCBI Official Full Name	caldesmon
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://stage.aaabiotech.com/polyclonal/caldesmon-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/172094>