

Rabbit Caldesmon Polyclonal Antibody | anti-CALD antibody

Polyclonal Antibody to Caldesmon (CALD)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145861	Rabbit	Rat, Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

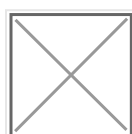
PRODUCT SYNONYMS

Caldesmon; Polyclonal Antibody; Polyclonal Antibody to Caldesmon (CALD); CALD1; CDM; H-CAD; L-CAD; NAG22; anti-CALD antibody

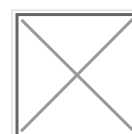
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat, Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CALD. It has been selected for its ability to recognize CALD in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	793
Applicable Applications for anti-CALD antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	CALD (Lys434~Val531)
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse, Rat
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant CALD (Lys434~Val531) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin- embedded intestine tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Human HepG2 cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Rat CALD
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

**WB (Western Blot)**

Western Blot: Sample: Mouse Spleen lysate; Primary Ab: 1ug/ml Rabbit Anti-Rat CALD
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978589
NCBI GeneID	25687
NCBI Accession #	NP_037278.1
NCBI GenBank Nucleotide #	NM_013146.2
UniProt Accession #	Q62736
Molecular Weight	60,584 Da
NCBI Official Full Name	non-muscle caldesmon
NCBI Official Synonym Full Names	caldesmon 1
NCBI Official Symbol	Cald1
NCBI Official Synonym Symbols	I-Cad
NCBI Protein Information	non-muscle caldesmon
UniProt Protein Name	Non-muscle caldesmon
UniProt Gene Name	Cald1
UniProt Synonym Gene Names	CDM

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-immunohistochemistry-immunocytochemistry-western-blot-elisa/145861>