

Rabbit Calponin 2 Polyclonal Antibody | anti-CNN2 antibody

Anti-Calponin 2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260217	Rabbit	Human, Mouse, Rat, Bovine	Immunocytochemistry, Immunofluorescence, Western Blot

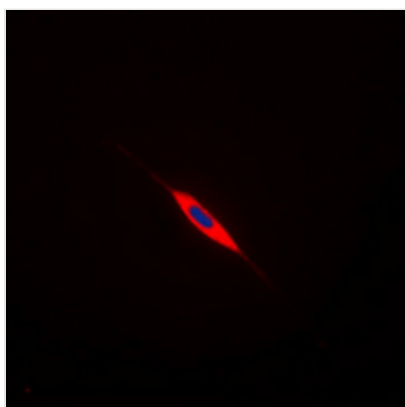
PRODUCT SYNONYMS

Calponin 2; Polyclonal Antibody; Anti-Calponin 2 Antibody; Calponin-2; Calponin H2; smooth muscle; Neutral calponin; anti-CNN2 antibody

PRODUCT SPECIFICATIONS

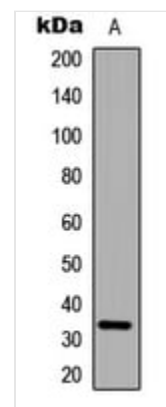
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Calponin 2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	298
Applicable Applications for anti-CNN2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Calponin 2. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Calponin 2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of Calponin 2 expression in COLO205 (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CNN2 antibody	Rabbit polyclonal antibody to Calponin 2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	746576343
NCBI GeneID	1265
NCBI Accession #	NP_001290428.1
NCBI GenBank Nucleotide #	NM_001303499.1
UniProt Accession #	Q99439; Q92578; A5D8U8; A6NFI4; D6W5X9
Molecular Weight	29,500 Da
NCBI Official Full Name	calponin-2 isoform c
NCBI Official Synonym Full Names	calponin 2
NCBI Official Symbol	CNN2
NCBI Protein Information	calponin-2
UniProt Protein Name	Calponin-2
UniProt Gene Name	CNN2
UniProt Entry Name	CNN2_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/calponin-2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/260217>