

Rabbit Calponin 2 Polyclonal Antibody | anti-CNN2 antibody

Rabbit anti-Calponin 2 Antibody

CATALOG # AAA221394	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Bovine	APPLICATIONS Immunofluorescence, Western Blot
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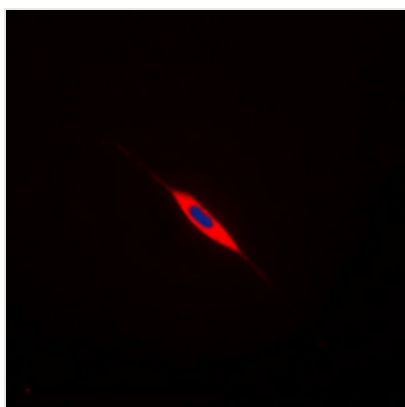
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

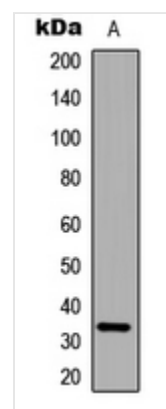
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CNN2 antibody	IC (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	Store at -20 degree C. Avoid repeated 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

Product Categories/Family for anti-CNN2 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758018
NCBI GeneID	1265
NCBI Accession #	NP_004359.1
NCBI GenBank Nucleotide #	NM_004368.2
UniProt Accession #	Q99439; Q08093
Molecular Weight	33,697 Da
NCBI Official Full Name	calponin-2 isoform a
NCBI Official Synonym Full Names	calponin 2
NCBI Official Symbol	CNN2
NCBI Protein Information	calponin-2; neutral calponin; calponin H2, smooth muscle
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://www.aaabiotech.com/polyclonal/calponin-2-antibody-immunochemistry-immunofluorescence-western-blot-elisa/221394>