

Rabbit anti-Human, Mouse CNN2 Polyclonal Antibody | anti-CNN2 antibody

CNN2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307061	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

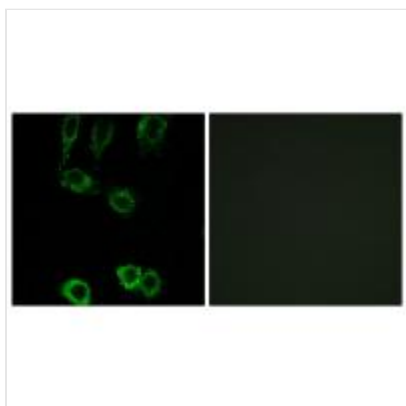
PRODUCT SYNONYMS

CNN2; Polyclonal Antibody; CNN2 Antibody; Calponin H2; smooth muscle; CLP2; Neutral calponin; anti-CNN2 antibody

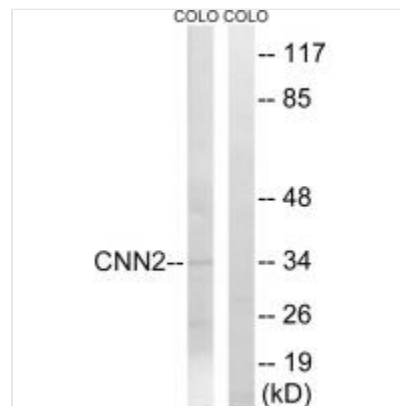
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CNN2 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG 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	298
Applicable Applications for anti-CNN2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CNN2.
Target Name	CNN2
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using CNN2 antibody.


WB (Western Blot)

Western blot analysis of extracts from HUVEC cells, using CNN2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CNN2 antibody	Thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin, troponin C and tropomyosin. The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity.Masuda H., J. Biochem. 120:415-424(1996).Kuromitsu J., Mol. Cell. Biol. 17:707-712(1997).Gevaert K., Nat. Biotechnol. 21:566-569(2003).
Product Categories/Family for anti-CNN2 antibody	Total protein Ab

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/cnn2-antibody-immunofluorescence-western-blot-elisa/307061>