

Rabbit Calponin-3 Polyclonal Antibody | anti-CNN3 antibody

Calponin-3 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289871	Rabbit	Human (Predicted Reactivity: Bovine)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

Calponin-3; Polyclonal Antibody; Calponin-3 Antibody (N-term); Calponin; acidic isoform; CNN3; anti-CNN3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Calponin-3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 7-34 amino acids from the N-terminal region of human Calponin-3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	7-34
Sequence Length	283
Applicable Applications for anti-CNN3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Calponin-3 Antibody (N-term) flow cytometric analysis of A2058 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Calponin-3 Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded human skeletal muscle tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the Calponin-3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of Calponin-3 Antibody (N-term) in A2058 cell line lysates (35ug/lane).
Calponin-3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CNN3 antibody	Calponin-3 is a protein with a markedly acidic C terminus; the basic N-terminus is highly homologous to the N-terminus of a related gene, CNN1. This protein is associated with the cytoskeleton but is not involved in contraction.
Product Categories/Family for anti-CNN3 antibody	Signal Transduction
References	Vinatzer,U., Clin. Cancer Res. 14 (20), 6426-6431 (2008) Haag,J., Exp. Cell Res. 313 (16), 3386-3394 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502923
NCBI GeneID	1266
NCBI Accession #	NP_001830.1
NCBI GenBank Nucleotide #	NM_001839.4
UniProt Accession #	Q15417 ; Q6FHA7 ; B4DFK6 ; B4DP09 ; F8WA86
Molecular Weight	36414
NCBI Official Full Name	calponin-3 isoform 1
NCBI Official Synonym Full Names	calponin 3, acidic
NCBI Official Symbol	CNN3
NCBI Protein Information	calponin-3
UniProt Protein Name	Calponin-3
UniProt Gene Name	CNN3
UniProt Entry Name	CNN3_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-3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289871>