

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

CNN2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288853	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

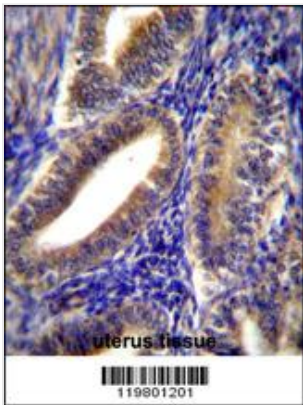
PRODUCT SYNONYMS

CNN2; Polyclonal Antibody; CNN2 Antibody (N-term); Calponin-2; Calponin H2; smooth muscle; Neutral calponin; anti-CNN2 antibody

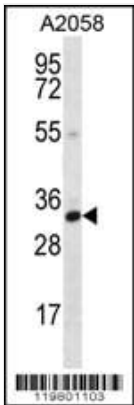
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CNN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9-36 amino acids from the N-terminal region of human CNN2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.42 (varies by lot)
Sequence Positions	9-36
Sequence Length	309
Applicable Applications for anti-CNN2 antibody	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



IHC (Immunohiostchemistry)
CNN2 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CNN2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CNN2 Antibody (N-term) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the CNN2 antibody detected the CNN2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CNN2 antibody	The protein encoded by this gene, which can bind actin, calmodulin, troponin C, and tropomyosin, may function in the structural organization of actin filaments. The encoded protein could play a role in smooth muscle contraction and cell adhesion. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-CNN2 antibody	Cardiovascular; Signal Transduction
References	Rikova, K., et al. Cell 131(6):1190-1203(2007) Hossain, M.M., et al. J. Biol. Chem. 280(51):42442-42453(2005) Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005) Gevaert, K., et al. Nat. Biotechnol. 21(5):566-569(2003) Hossain, M.M., et al. Am. J. Physiol., Cell Physiol. 284 (1), C156-C167 (2003) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758018
NCBI GeneID	1265
NCBI Accession #	NP_004359.1 ; NP_958434.1
NCBI GenBank Nucleotide #	NM_004368.3
UniProt Accession #	Q99439 ; Q92578 ; A5D8U8 ; A6NFI4 ; D6W5X9
Molecular Weight	33697
NCBI Official Full Name	calponin-2 isoform a
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

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-immunohistochemistry-western-blot-elisa/288853>