

Rabbit CNN1 Polyclonal Antibody | anti-CNN1 antibody

CNN1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199875	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rat, Sheep, Zebrafish	Western Blot

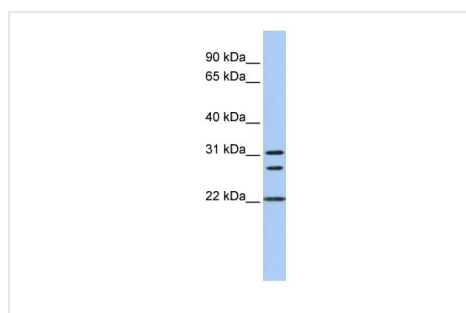
PRODUCT SYNONYMS

CNN1; Polyclonal Antibody; CNN1 antibody - N-terminal region; anti-CNN1 antibody

PRODUCT SPECIFICATIONS

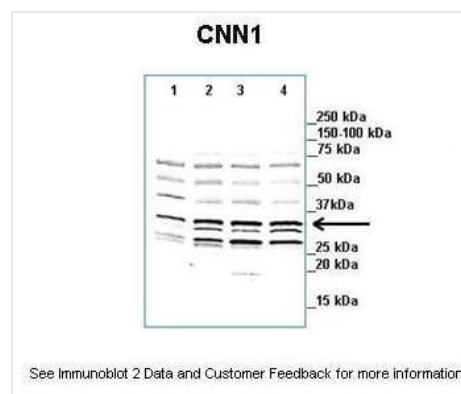
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MS SAHFNRGPAY GLSAEVKNKL AQKYDHRQEQ ELREWIEGVT GRRIGNNF
Sequence Length	297
Applicable Applications for anti-CNN1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Rat: 100%; Sheep: 100%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CNN1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-CNN1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Hela cell lysate



WB (Western Blot)

Lanes: 1. 20 ug murine non-pregnant uterine tissue 2. 20 ug murine non-laboring uterine tissue 3. 20 ug murine laboring uterine tissue 4. 20 ug murine preterm laboring uterine tissue
Primary Antibody Dilution: 1:2000
Secondary Antibody: Goat anti-rabbit-Alexa Fluor 680
Secondary Antibody Dilution: 1:25,000
Gene Name: CNN1
Submitted by: Anonymous

ADDITIONAL INFORMATION

Related Product Information for anti-CNN1 antibody	This is a rabbit polyclonal antibody against CNN1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CNN1 is a 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.
Product Categories/Family for anti-CNN1 antibody	Polyclonal; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361120
NCBI GeneID	1264
NCBI Accession #	NP_001290
NCBI GenBank Nucleotide #	NM_001299
UniProt Accession #	P51911
Molecular Weight	33kDa
NCBI Official Full Name	calponin-1 isoform 1
NCBI Official Synonym Full Names	calponin 1
NCBI Official Symbol	CNN1
NCBI Official Synonym Symbols	SMCC; Sm-Calp; HEL-S-14
NCBI Protein Information	calponin-1
UniProt Protein Name	Calponin-1
UniProt Gene Name	CNN1
UniProt Entry Name	CNN1_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/cnn1-antibody-western-blot-elisa/199875>