

Goat CNN2 Polyclonal Antibody | anti-CNN2 antibody

Goat Polyclonal to Human CNN2

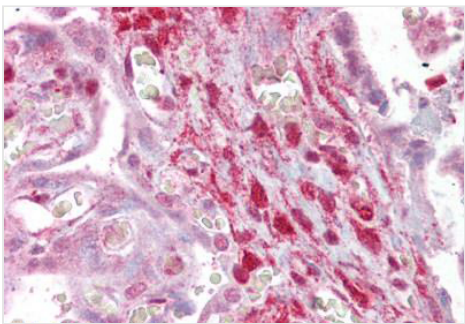
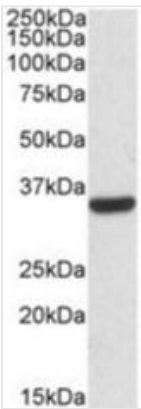
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51303	Goat	Gorilla, Human, Monkey, Orangutan Predicted Reactivity: Gibbon (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

CNN2; Polyclonal Antibody; Goat Polyclonal to Human CNN2; Anti-CNN2 Antibody IHC-plus; Calponin 2; Calponin-2; Calponin H2; smooth muscle; Neutral calponin; Human CNN2; anti-CNN2 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Gorilla, Human, Monkey, Orangutan Predicted Reactivity: Gibbon (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human CNN2. This antibody is expected to recognize both reported isoforms (NP_004359.1; NP_958434.1), but it is not expected to cross-react with CCN3.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	309
Applicable Applications for anti-CNN2 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-DPGEVPEYPPYYQEE from an internal region (near C-terminus) of human CNN2 (NP_004359.1; NP_958434.1). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Monkey (100%); Gibbon (93%); Panda, Bat (80%).
Immunogen Type	Synthetic peptide
Immunogen	CNN2 antibody was raised against synthetic peptide C-DPGEVPEYPPYYQEE from an internal region (near C-terminus) of human CNN2 (NP_004359.1; NP_958434.1). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Monkey (100%); Gibbon (93%); Panda, Bat (80%).
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.



IHC (Immunohistochemistry)
Anti-CNN2 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 2.5 ug/ml.

WB (Western Blot)
CNN2 antibody (0.03 ug/ml) staining of HepG2 lysates (35 ug protein/ml in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758018
NCBI GeneID	1265
NCBI Accession #	NP_004359.1
NCBI GenBank Nucleotide #	NM_004368.2
UniProt Accession #	Q99439; Q92578; A5D8U8; A6NFI4; D6W5X9
Molecular Weight	29,500 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cnn2-antibody-western-blot-immunohistochemistry-elisa/51303>