

Rabbit Calponin/CNN1 Polyclonal Antibody | anti-CNN1 antibody

Anti-Calponin/CNN1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254710	Rabbit	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)	Immunohistochemistry, Western Blot

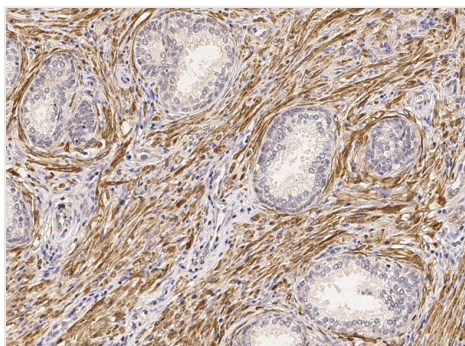
PRODUCT SYNONYMS

Calponin/CNN1; Polyclonal Antibody; Anti-Calponin/CNN1 Antibody; Rabbit Polyclonal; calponin 1/CNN1 Antibody; Rabbit PAb; Antigen Affinity Purified; calponin 1; basic; smooth muscle; Anti-HEL-S-14 Antibody; Anti-Sm-Calp Antibody; Anti-SMCC Antibody; anti-CNN1 antibody

PRODUCT SPECIFICATIONS

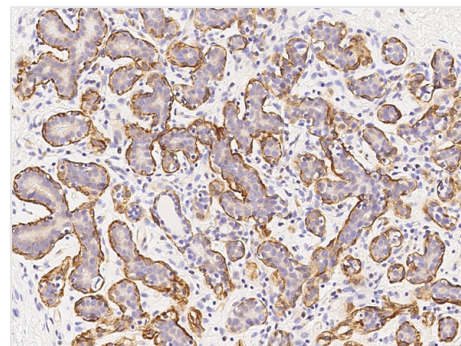
Host	Rabbit
Reactivity	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Calponin/CNN1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CNN1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human calponin 1/CNN1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human calponin 1/CNN1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



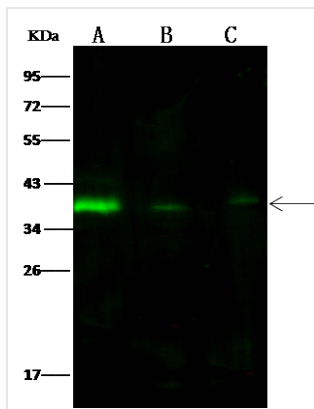
IHC (Immunohistochemistry)

Immunochemical staining of human CNN1 in human prostate with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human CNN1 in human breast with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).



WB (Western Blot)

Anti-CNN1 rabbit polyclonal antibody at 1:500 dilution
 Lane A: Hela Whole Cell Lysate
 Lane B: Jurkat Whole Cell Lysate
 Lane C: MCF7 Whole Cell Lysate
 Lysates/proteins at 30 ug per lane.
 Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution.
 Developed using the Odyssey technique.
 Performed under reducing conditions.
 Predicted band size: 33 kDa
 Observed band size: 37 kDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-CNN1 antibody	Cardiac Stem Cell Markers
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21361120
NCBI GeneID	1264
NCBI Accession #	NP_001290.2
NCBI GenBank Nucleotide #	NM_001299.4
UniProt Accession #	P51911; O00638; Q15416; Q8IY93; Q99438; B2R868; B4DUX6
Molecular Weight	31,055 Da
NCBI Official Full Name	calponin-1
NCBI Official Synonym Full Names	calponin 1, basic, smooth muscle
NCBI Official Symbol	CNN1
NCBI Official Synonym Symbols	SMCC; Sm-Calp; HEL-S-14
NCBI Protein Information	calponin-1; basic calponin; calponin H1, smooth muscle; calponins, basic; epididymis secretory protein Li 14
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.