

Rabbit anti-Human CNN3 Polyclonal Antibody | anti-CNN3 antibody

CNN3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232443	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

CNN3; Polyclonal Antibody; CNN3 Antibody; Calponin-3; Calponin; acidic isoform; anti-CNN3 antibody

PRODUCT SPECIFICATIONS

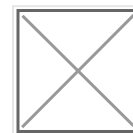
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	283
Applicable Applications for anti-CNN3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Calponin-3 protein (2-329AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-16724 / sc-28546
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



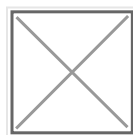
WB (Western Blot)

Western BlotPositive WB detected in: Mouse liver tissueAll lanes: CNN3 antibody at 3.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 37,32 KDaObserved band size: 37 KDa



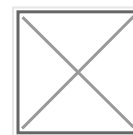
IHC (Immunohistochemistry)

Immunofluorescent analysis of HeLa cells using AAA232443 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human melanoma cancer using AAA232443 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate cancer using AAA232443 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-CNN3 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	554506520
NCBI GeneID	1266
NCBI Accession #	NP_001272984.1
NCBI GenBank Nucleotide #	NM_001286055.1
UniProt Accession #	Q15417; Q6FHA7; B4DFK6; B4DP09; F8WA86
Molecular Weight	31,380 Da
NCBI Official Full Name	calponin-3 isoform 2
NCBI Official Synonym Full Names	calponin 3
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/cnn3-antibody-immunofluorescence-immunohistochemistry-elisa/232443>