

Product Datasheet

Acidic Calponin Antibody - BSA Free NBP2-38643

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 12/2/2025 v.20.1

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NBP2-38643

Acidic Calponin Antibody - BSA Free

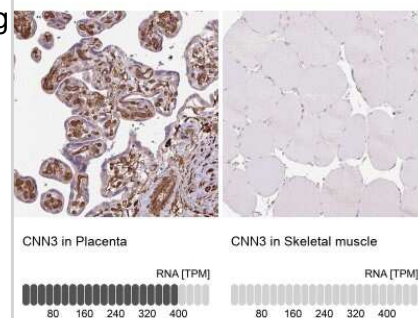
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Acidic Calponin Antibody - BSA Free (NBP2-38643) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1266
Gene Symbol	CNN3
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: PKYCAAPTEPVIHNGSQGTGTNGSEISDSYQAEYPDEYHGEYQDDYPRDYQ YSDQGIDY

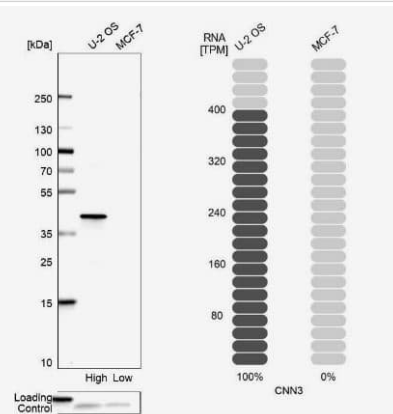
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

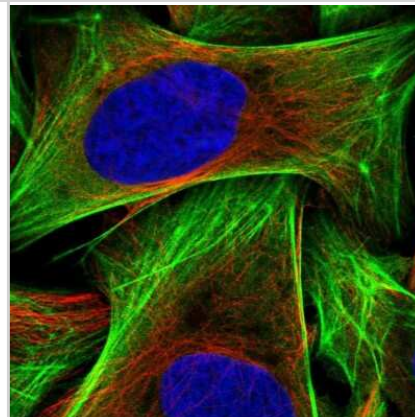
Immunohistochemistry-Paraffin: Acidic Calponin Antibody [NBP2-38643]
- Analysis in human placenta and skeletal muscle tissues. Corresponding Acidic Calponin RNA-seq data are presented for the same tissues.



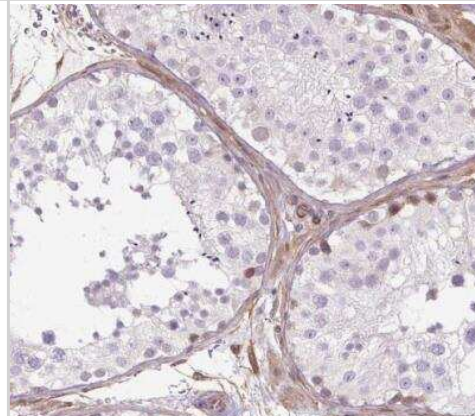
Western Blot: Acidic Calponin Antibody [NBP2-38643] - Analysis in human cell lines U2OS and MCF-7 using Anti-CNN3 antibody. Corresponding CNN3 RNA-seq data are presented for the same cell lines. Loading control: Anti-PFN1.



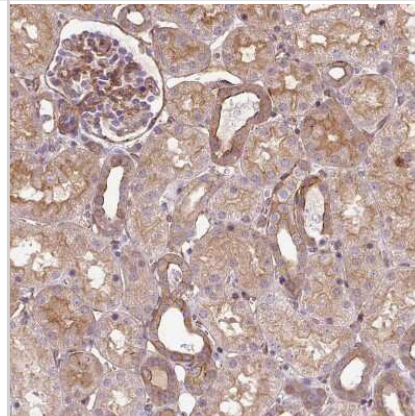
Immunocytochemistry/Immunofluorescence: Acidic Calponin Antibody [NBP2-38643] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol & actin filaments.



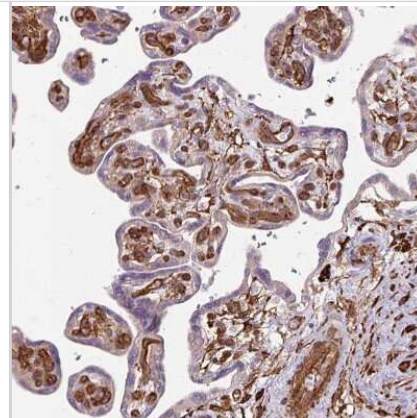
Immunohistochemistry-Paraffin: Acidic Calponin Antibody [NBP2-38643] - Staining of human testis shows weak to moderate positivity in peritubular myoid cells.



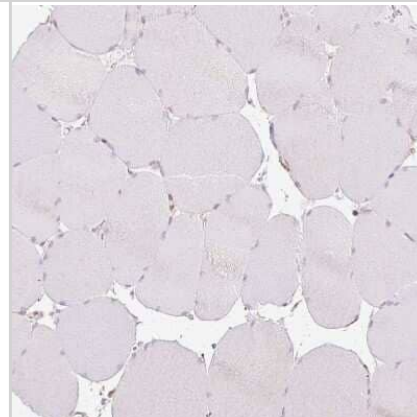
Immunohistochemistry-Paraffin: Acidic Calponin Antibody [NBP2-38643] - Staining of human kidney shows weak to moderate membranous and cytoplasmic positivity in cells in tubules.



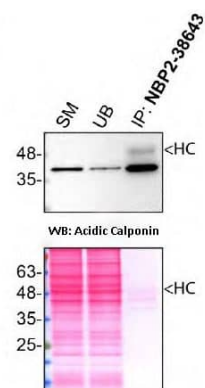
Immunohistochemistry-Paraffin: Acidic Calponin Antibody [NBP2-38643]
 - Staining of human placenta shows strong positivity in endothelial cells.



Immunohistochemistry-Paraffin: Acidic Calponin Antibody [NBP2-38643]
 - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunoprecipitation: Acidic Calponin Antibody [NBP2-38643] - HAP1 lysates were prepared, and immunoprecipitation was performed using 2.0 μ g of Acidic Calponin Antibody (NBP2-38643) pre-coupled to Dynabeads protein A. Samples were washed and processed for Western Blot with Acidic Calponin Antibody. For Western Blot, Acidic Calponin Antibody was used at 1/1000. The Ponceau stained transfers of each blot are shown. SM=4% starting material; UB=4% unbound fraction; IP=immunoprecipitate; HC=antibody heavy chain. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).





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Products Related to NBP2-38643

NBP2-38643PEP	Acidic Calponin Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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