

Product Datasheet

Calponin 1 Antibody - BSA Free NBP1-87029

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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Publications: 1

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NBP1-87029

Calponin 1 Antibody - BSA Free

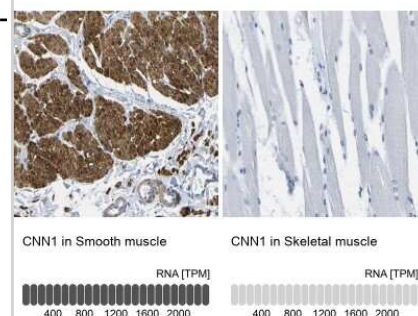
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	1264
Gene Symbol	CNN1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PLDQATISLQMGTKNGASQAGMTAPGTKRQIFEPGLGMEHCDTLNVSLQMGS NKGASQRGMTVYGLPRQVYDPKYCLTPEYPELGEPAHNHHAHNYNS

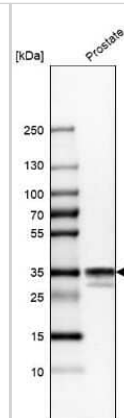
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

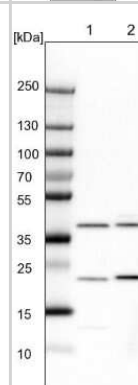
Immunohistochemistry-Paraffin: Calponin 1 Antibody [NBP1-87029] - Staining in human smooth muscle and skeletal muscle tissues using anti-CNN1 antibody. Corresponding CNN1 RNA-seq data are presented for the same tissues.



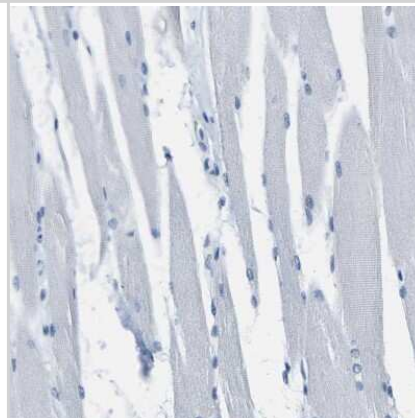
Western Blot: Calponin 1 Antibody [NBP1-87029] - Analysis in human prostate tissue.



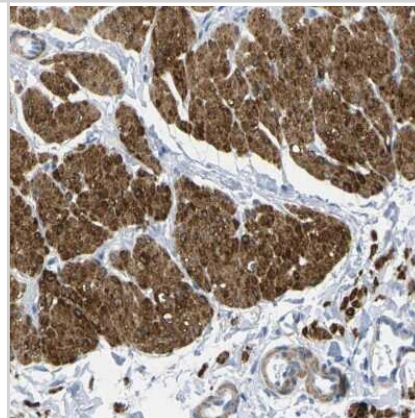
Western Blot: Calponin 1 Antibody [NBP1-87029] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



Immunohistochemistry-Paraffin: Calponin 1 Antibody [NBP1-87029] - Staining of human skeletal muscle shows low expression as expected.



Immunohistochemistry-Paraffin: Calponin 1 Antibody [NBP1-87029] - Staining of human smooth muscle shows high expression.



Publications

Lien M. Reolizo, Helen Williams, Kerry Wadey, Aleksandra Frankow, Ze Li, Kevin Gaston, Padma-Sheela Jayaraman, Jason L. Johnson, Sarah J. George Inhibition of Intimal Thickening By PRH (Proline-Rich Homeodomain) in Mice Arteriosclerosis, Thrombosis, and Vascular Biology 2023-01-26 [PMID: 36700427]



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Products Related to NBP1-87029

NBP1-87029PEP	Calponin 1 Recombinant Protein Antigen
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.

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