

Product Datasheet

Filamin B Antibody - BSA Free NBP1-90286

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: 3

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NBP1-90286

Filamin B 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

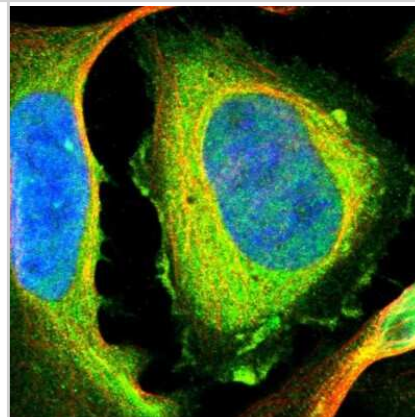
Product Description	
Description	Novus Biologicals Rabbit Filamin B Antibody - BSA Free (NBP1-90286) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Filamin B Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2317
Gene Symbol	FLNB
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KEPGEYAVHIMCDDEDIKDSPYMAFIHPATGGYNPDLVRAYGPGLEKSGCIVNN LAEFTVDPKDAGKAPLKIFAQDGEGQRIDIQMKNRMDGTYACSYTPVKAIKHTIA VWWG

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

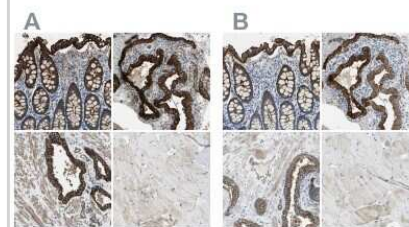


Images

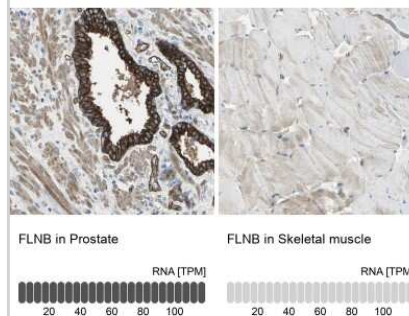
Immunocytochemistry/Immunofluorescence: Filamin B Antibody [NBP1-90286] - Staining of human cell line U-2 OS shows localization to plasma membrane and cytosol. Antibody staining is shown in green.



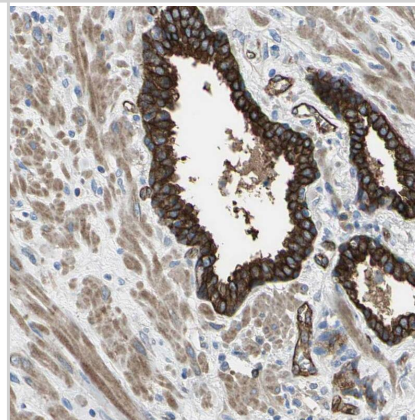
Immunohistochemistry-Paraffin: Filamin B Antibody [NBP1-90286] - Staining of human colon, placenta, prostate and skeletal muscle using Anti-Filamin B antibody NBP1-90286 (A) shows similar protein distribution across tissues to independent antibody NBP1-90285 (B).



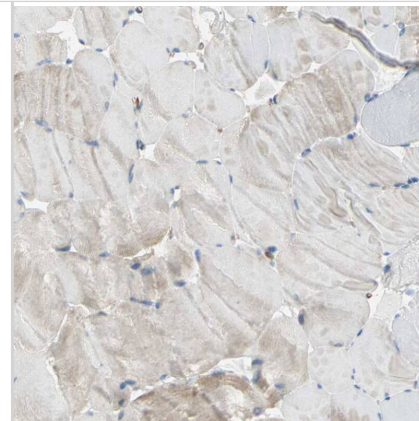
Immunohistochemistry-Paraffin: Filamin B Antibody [NBP1-90286] - Analysis in human prostate and skeletal muscle tissues using NBP1-90286 antibody. Corresponding Filamin B RNA-seq data are presented for the same tissues.



Staining of human prostate shows strong membranous positivity in glandular cells.



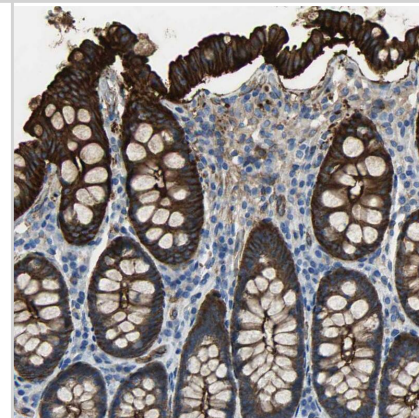
Staining of human skeletal muscle shows low expression in myocytes as expected.



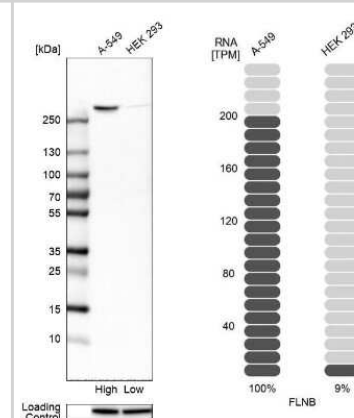
Immunohistochemistry-Paraffin: Filamin B Antibody [NBP1-90286] - Staining of human placenta shows strong membranous positivity in trophoblastic cells.



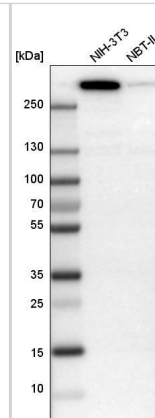
Staining of human colon shows strong membranous positivity in glandular cells.



Western Blot: Filamin B Antibody [NBP1-90286] - Analysis in human cell lines A-549 and HEK293 using anti-FLNB antibody. Corresponding FLNB RNA-seq data are presented for the same cell lines. Loading control: anti-HSP90B1.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Publications

O'Connor M, Kallenberg D, Camilli C Et al. LRG1 destabilizes tumor vessels and restricts immunotherapeutic potency *Med (N Y)* 2022-05-19 [PMID: 35590198]

Thompson PJ, Shah A, Ntranos V et al. Targeted Elimination of Senescent Beta Cells Prevents Type 1 Diabetes Cell *Metab.* 2019-02-14 [PMID: 30799288] (ICC/IF, Mouse)

Stadler C, Hjelmare M, Neumann B et al. Systematic validation of antibody binding and protein subcellular localization using siRNA and confocal microscopy. *J Proteomics* 2012-04-03 [PMID: 22361696]



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Products Related to NBP1-90286

NBP1-90286PEP	Filamin B 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.

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