

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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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 | Immunogen affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

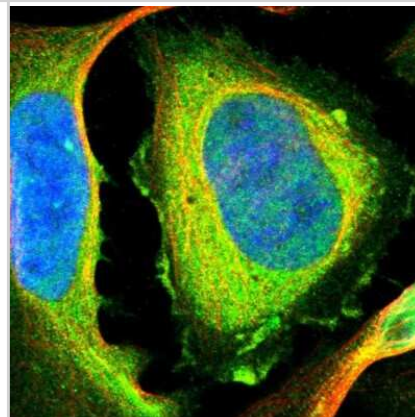
| Product Description | |
|---------------------|---|
| Description | Novus Biologicals Rabbit Filamin B Antibody - BSA Free (NBP1-90286) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Filamin B Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by 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. |

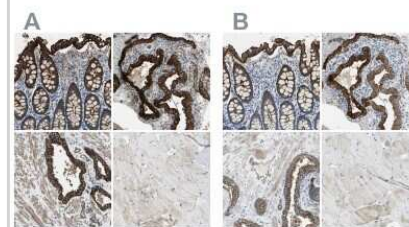


Images

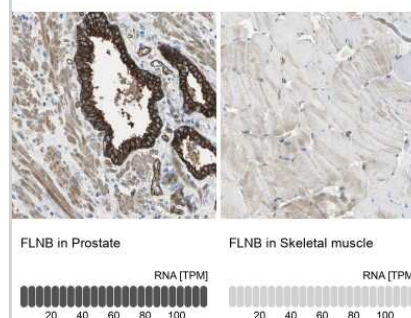
Immunocytochemistry/Immunofluorescence: Filamin B Antibody [NBP1-90286] - Staining of human cell line U-2 OS shows localization to plasma membrane and cytosol. Antibody staining is shown in green.



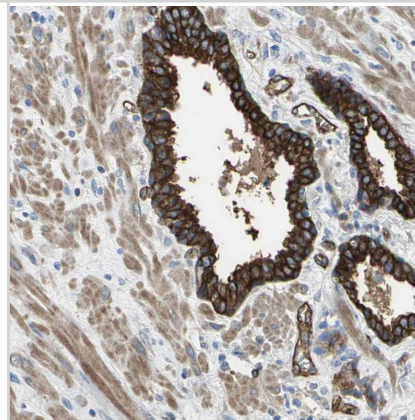
Immunohistochemistry-Paraffin: Filamin B Antibody [NBP1-90286] - Staining of human colon, placenta, prostate and skeletal muscle using Anti-Filamin B antibody NBP1-90286 (A) shows similar protein distribution across tissues to independent antibody NBP1-90285 (B).



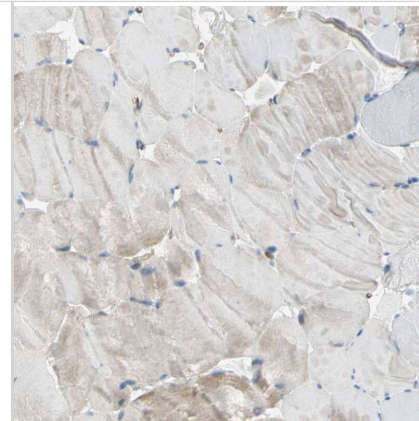
Immunohistochemistry-Paraffin: Filamin B Antibody [NBP1-90286] - Analysis in human prostate and skeletal muscle tissues using NBP1-90286 antibody. Corresponding Filamin B RNA-seq data are presented for the same tissues.



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



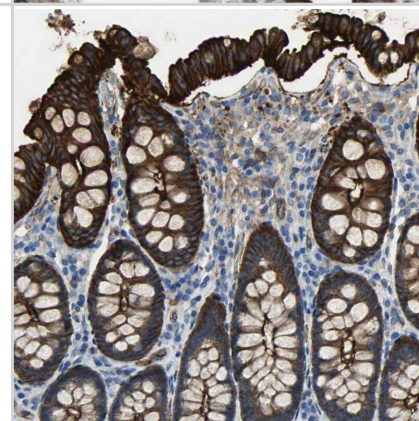
Staining of human skeletal muscle shows low expression in myocytes as expected.



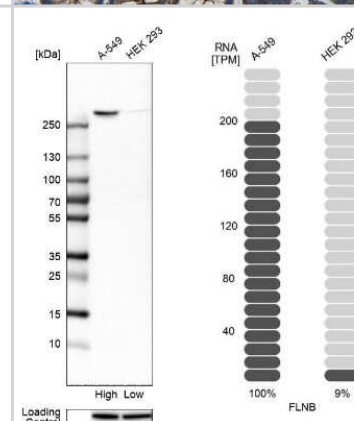
Immunohistochemistry-Paraffin: Filamin B Antibody [NBP1-90286] - Staining of human placenta shows strong membranous positivity in trophoblastic cells.



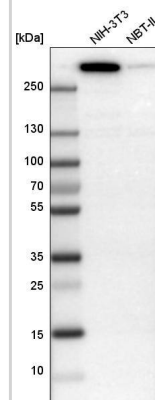
Staining of human colon shows strong membranous positivity in glandular cells.



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 |
| 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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