

Product Datasheet

FMNL2 Antibody - BSA Free

NBP1-83901

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: 2

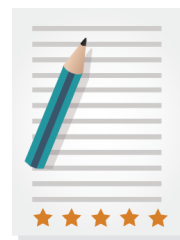
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NBP1-83901

FMNL2 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 FMNL2 Antibody - BSA Free (NBP1-83901) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-FMNL2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	114793
Gene Symbol	FMNL2
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25963818).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ERVEELEENISHLSEKLQDTENEAMSKIVELEKQLMQRNKELDVVREIYKDANT QVHTLRKMOVKEKEEAIQRQSTLEKKIHELEKQGTIKIQKKGDGDIALPVPVASGTL SMGSEVVAGNSVGP

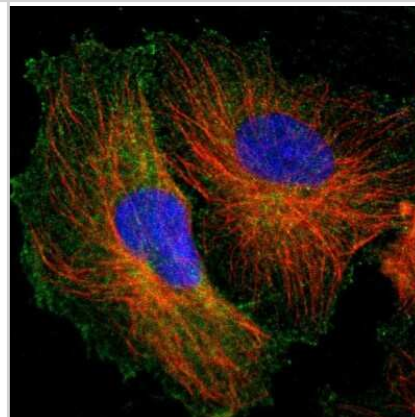
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	WB, ICC/IF reported in scientific literature (PMID: 25963818). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

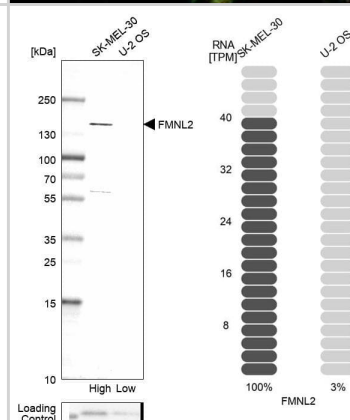


Images

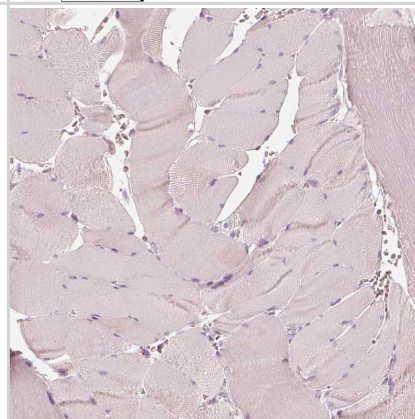
Immunocytochemistry/Immunofluorescence: FMNL2 Antibody [NBP1-83901] - Staining of human cell line U-251 MG shows localization to plasma membrane and cytosol.



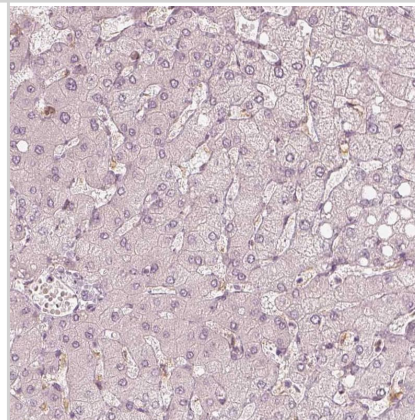
Analysis in human cell lines SK-MEL-30 and U2OS using Anti-FMNL2 antibody. Corresponding FMNL2 RNA-seq data are presented for the same cell lines. Loading control: Anti-COX4I1.



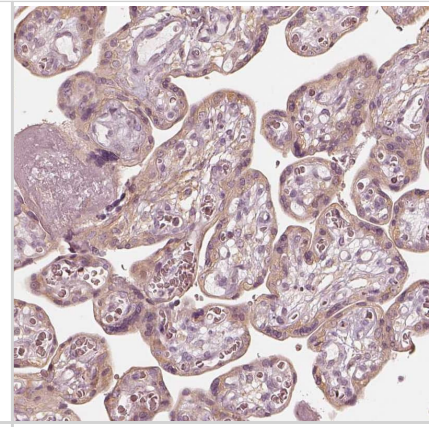
Staining of human skeletal muscle shows no positivity in myocytes as expected.



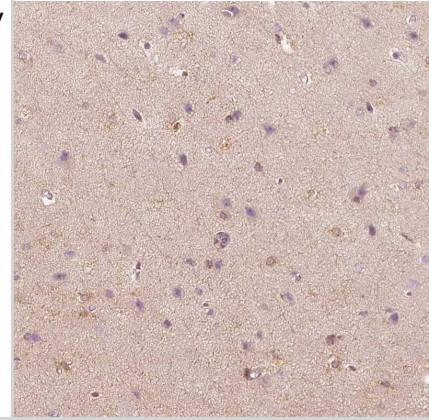
Staining of human liver shows no positivity in hepatocytes as expected.



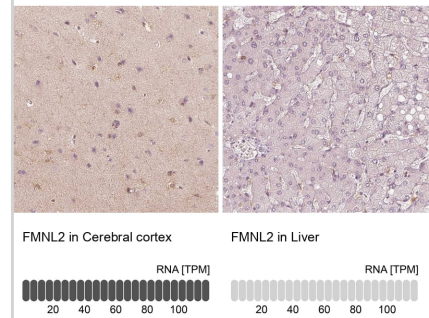
Staining of human placenta shows weak cytoplasmic positivity in trophoblastic cells.



Staining of human cerebral cortex shows moderate cytoplasmic positivity in glial cells.



Analysis in human cerebral cortex and liver tissues using NBP1-83901 antibody. Corresponding FMNL2 RNA-seq data are presented for the same tissues.



Publications

Grikscheit K, Frank T, Wang Y, Grosse R. Junctional actin assembly is mediated by Formin-like 2 downstream of Rac1. J Cell Biol 2015-05-11 [PMID: 25963818] (ICC/IF, WB, Human)

Gardberg M, Talvinen K, Kaipio K et al. Characterization of Diaphanous-related formin FMNL2 in human tissues. BMC Cell Biol 2010-07-01 [PMID: 20633255]



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Products Related to NBP1-83901

NBP1-83901PEP	FMNL2 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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