

Product Datasheet

FMNL1 Antibody - BSA Free

NBP1-88460

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: 4

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NBP1-88460

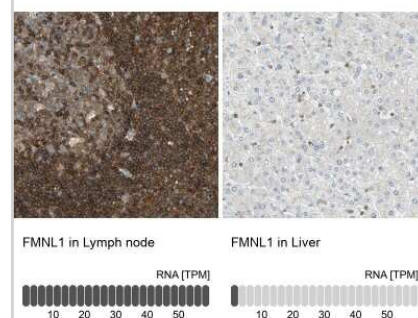
FMNL1 Antibody - BSA Free

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 FMNL1 Antibody - BSA Free (NBP1-88460) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-FMNL1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	752
Gene Symbol	FMNL1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in the scientific literature (PMID: 26457319)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LHYLVKVIAEKYPQLTGFHSDLHFLDKAGSVSLDSVLADVRS LQRGLELTQREF VRQDDCMVLKEFLRANSPTMDKLLADSKTAQEA FESVVEYFGENPKTTSPGLF FSLFS
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	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

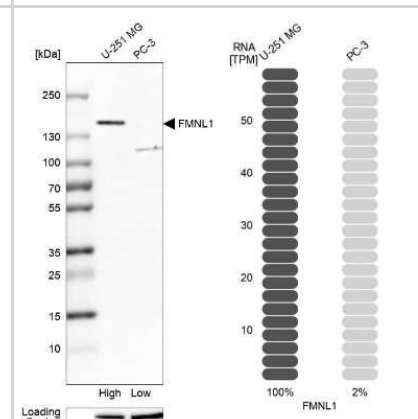


Images

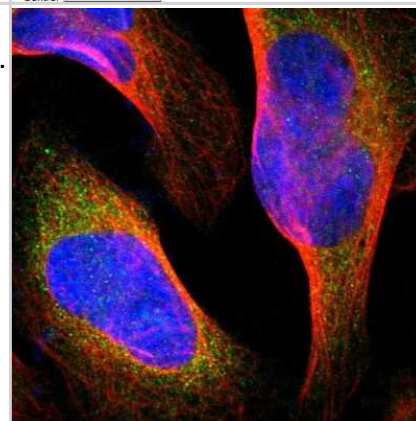
Immunohistochemistry-Paraffin: FMNL1 Antibody [NBP1-88460] - Staining in human lymph node and liver tissues . Corresponding FMNL1 RNA-seq data are presented for the same tissues.



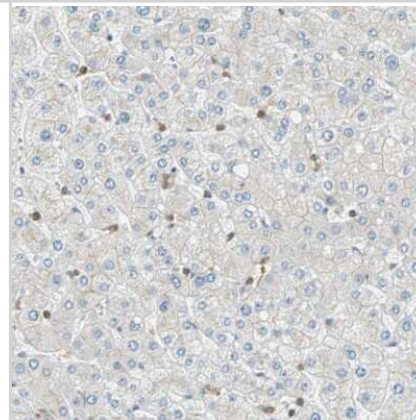
Western Blot: FMNL1 Antibody [NBP1-88460] - Analysis in human cell lines U-251MG and PC-3 using anti-FMNL1 antibody. Corresponding FMNL1 RNA-seq data are presented for the same cell lines. Loading control: anti-PARP1.



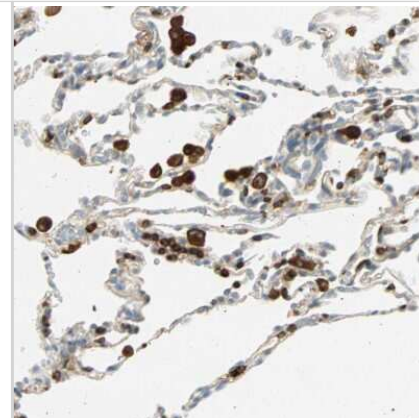
Immunocytochemistry/Immunofluorescence: FMNL1 Antibody [NBP1-88460] - Staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: FMNL1 Antibody [NBP1-88460] - Staining of human liver shows moderate cytoplasmic positivity in Kupffer cells.



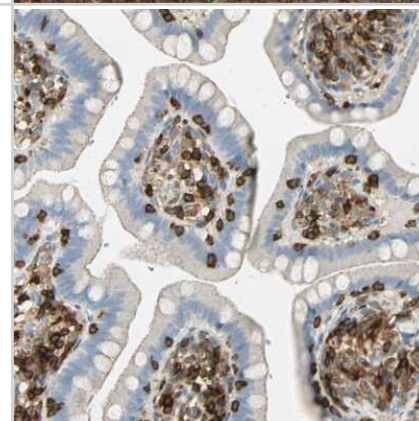
Immunohistochemistry-Paraffin: FMNL1 Antibody [NBP1-88460] - Staining of human lung shows strong cytoplasmic positivity in macrophages.



Immunohistochemistry-Paraffin: FMNL1 Antibody [NBP1-88460] - Staining of human lymph node shows strong positivity.



Immunohistochemistry-Paraffin: FMNL1 Antibody [NBP1-88460] - Staining of human small intestine shows cytoplasmic positivity.



Publications

Wang X, Wang Z, Liu B et al. Characteristic gene expression in the liver monocyte-macrophage-DC system is associated with the progression of fibrosis in NASH *Frontiers in Immunology* 2023-02-24 [PMID: 36911682]

Miller, EW;Blystone, SD; The carboxy-terminus of the formin FMNL1 gamma bundles actin to potentiate adenocarcinoma migration *J. Cell. Biochem.* 2019-04-11 [PMID: 30977161] (WB, Human)

Miller MR, Blystone SD. Reliable and inexpensive expression of large, tagged, exogenous proteins in murine bone marrow-derived macrophages using a second generation lentiviral system. *J Biol Methods* 2015-01-01 [PMID: 26457319] (WB, Mouse)

Gardberg M, Heuser VD, Iljin K et al. Characterization of Leukocyte Formin FMNL1 Expression in Human Tissues. *J Histochem Cytochem* 2014-04-03 [PMID: 24700756]



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Products Related to NBP1-88460

NBP1-88460PEP	FMNL1 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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