

Product Datasheet

Mena Antibody - BSA Free NBP1-87914

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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technical@novusbio.com

Publications: 7

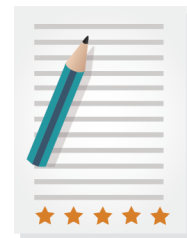
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NBP1-87914

Mena 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

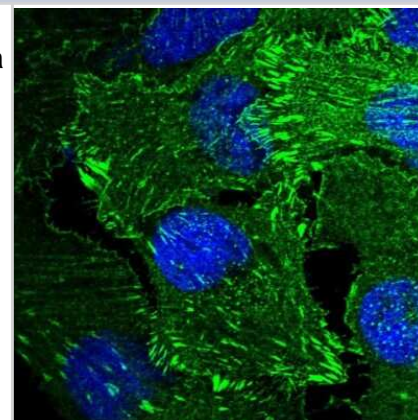
Description	Novus Biologicals Rabbit Mena Antibody - BSA Free (NBP1-87914) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Mena Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55740
Gene Symbol	ENAH
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RQERQERERLERLERERQERERQEQLEREQLEWERERRISSAAAPASVETPL NSVLGDSSASEPGLQAASQPAETPSQQGIVLGPLAPPPP

Product Application Details

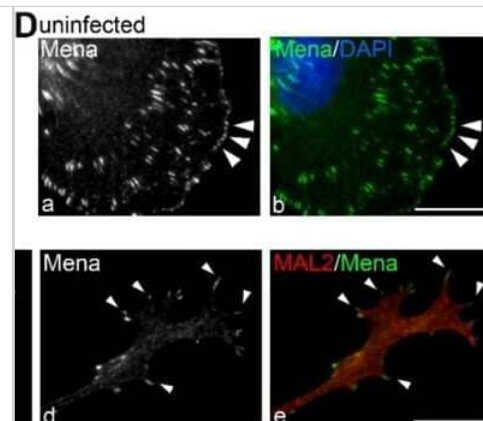
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

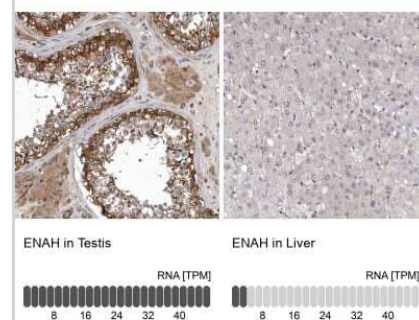
Immunocytochemistry/Immunofluorescence: Mena Antibody [NBP1-87914] - Staining of human cell line U-2 OS shows localization to plasma membrane, cytosol and focal adhesion sites. Antibody staining is shown in green.



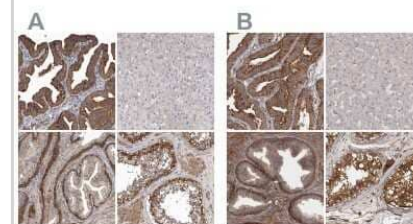
Mena-Antibody-Immunocytochemistry-Immunofluorescence-NBP1-87914-img0026.jpg



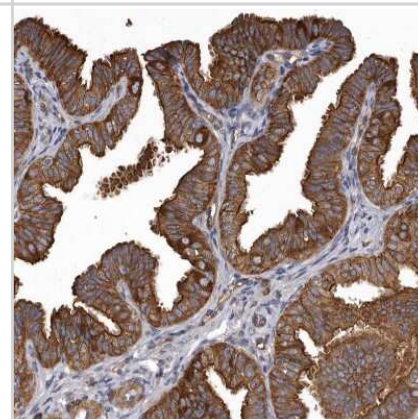
Immunohistochemistry-Paraffin: Mena Antibody [NBP1-87914] - Analysis in human testis and liver tissues. Corresponding ENAH RNA-seq data are presented for the same tissues.



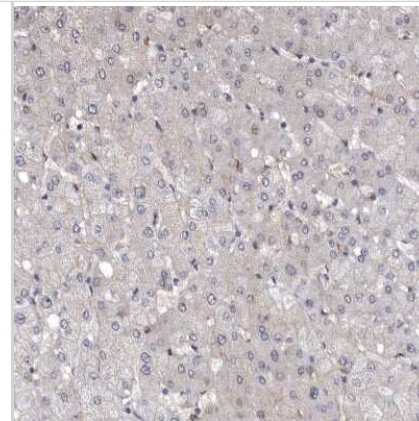
Immunohistochemistry-Paraffin: Mena Antibody [NBP1-87914] - Staining of human fallopian tube, liver, prostate and testis using Anti-ENAH antibody (A) NBP1-87914 shows similar protein distribution across tissues to independent antibody NBP1-87915 (B).



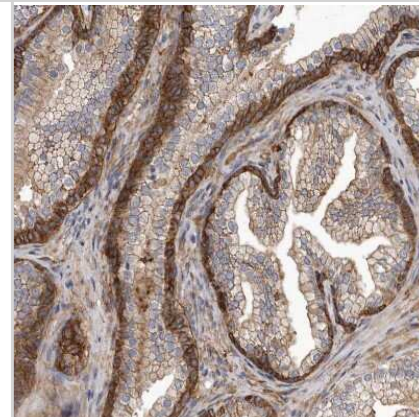
Immunohistochemistry-Paraffin: Mena Antibody [NBP1-87914] - Staining of human Fallopian tube shows strong cytoplasmic and membranous positivity in glandular cells.



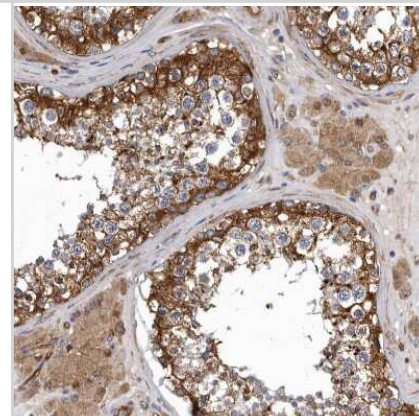
Immunohistochemistry-Paraffin: Mena Antibody [NBP1-87914] - Staining of human liver shows low positivity in hepatocytes as expected.



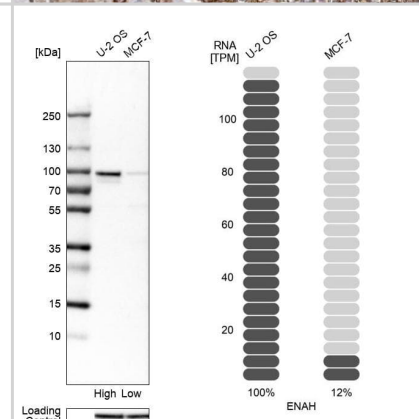
Immunohistochemistry-Paraffin: Mena Antibody [NBP1-87914] - Staining of human prostate shows moderate to strong cytoplasmic and membranous positivity in glandular cells and smooth muscle cells.



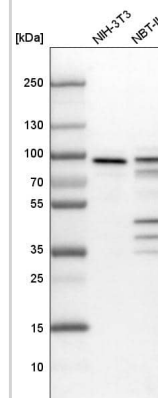
Immunohistochemistry-Paraffin: Mena Antibody [NBP1-87914] - Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



Analysis in human cell lines U2OS and MCF-7 using Anti-ENAH antibody. Corresponding ENAH RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



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



Publications

Duran, CL;Surve, CR;Ye, X;Chen, X;Lin, Y;Harney, AS;Wang, Y;Sharma, VP;Stanley, ER;Cox, D;McAuliffe, JC;Entenberg, D;Oktay, MH;Condeelis, JS; Targeting CSF-1 signaling between tumor cells and macrophages at TMEM doorways inhibits breast cancer dissemination *Oncogene* 2025-07-11 [PMID: 40646332]

Indra I, Troyanovsky RB, Shapiro L et al. Sensing Actin Dynamics through Adherens Junctions *Cell Rep* 2020-02-25 [PMID: 32101754] (Human)

Details:

A431 cell line

Mishra VS, Kumar N, Raza M, Sehrawat S Amalgamation of PI3K and EZH2 blockade synergistically regulates invasion and angiogenesis: combination therapy for glioblastoma multiforme *Oncotarget* 2020-12-22 [PMID: 33473259] (WB, ICC/IF, Human)

LOpez-Coral A, Del Vecchio GJ, Chahine JJ et al. MAL2-Induced Actin-Based Protrusion Formation is Anti-Oncogenic in Hepatocellular Carcinoma Cancers (Basel) 2020-02-12 [PMID: 32059473] (WB, IF/IHC, Human)

kumar N, Prasad P, Jash E et al. cAMP Regulated EPAC1 Supports Microvascular Density, Angiogenic and Metastatic Properties in a Model of Triple Negative Breast Cancer. *Carcinogenesis*. 2018-07-05 [PMID: 29982410] (WB, Human)

Harney AS, Karagiannis GS, Pignatelli J et al. The selective Tie2 inhibitor rebastinib blocks recruitment and function of Tie2Hi macrophages in breast cancer and pancreatic neuroendocrine tumors *Mol. Cancer Ther.* 2017-08-24 [PMID: 28838996] (Mouse)

Weidmann MD, Surve CR, Eddy RJ et al. Mena(INV) dysregulates cortactin phosphorylation to promote invadopodium maturation. *Sci Rep.* 2016-11-08 [PMID: 27824079] (Human)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-87914

NBP1-87914PEP	Mena 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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