

Product Datasheet

MANF Antibody - BSA Free

NBP1-76836

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-76836

MANF Antibody - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1 mg/ml
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	Protein A purified
Buffer	PBS
Target Molecular Weight	17 kDa

Product Description

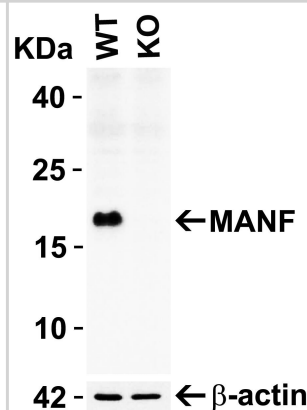
Description	Novus Biologicals Rabbit MANF Antibody - BSA Free (NBP1-76836) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7873
Gene Symbol	MANF
Species	Human, Mouse, Rat
Specificity/Sensitivity	This antibody does not cross-react with CDFN.
Immunogen	Antibody was raised against a 12 amino acid synthetic peptide from near the carboxy terminus of human MANF. The immunogen is located within the last 50 amino acids of MANF. Amino Acid Sequence: KYAPKAASARTD

Product Application Details

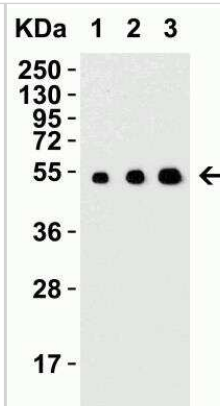
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.125-2 ug/mL, ELISA 1:100-1:2000, Immunohistochemistry 2.5 ug/mL, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin

Images

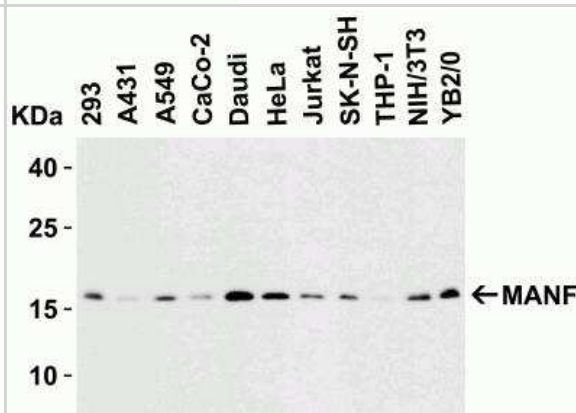
Western Blot: MANF Antibody - BSA Free [NBP1-76836] - KO Validation in HEK293T Cells. Loading: 10 ug of HEK293T WT cell lysates or MANF KO cell lysates. Antibodies: MANF (1 ug/mL) and beta-actin (1 ug/mL), 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.



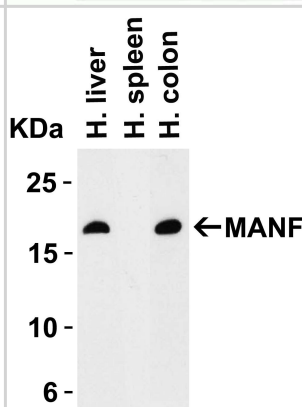
Western Blot: MANF Antibody [NBP1-76836] - Western Blot Validation with Recombinant Protein. Loading: 30 ng of human MANF recombinant protein per lane. Antibodies: MANF NBP1-76836 (Lane 1: 0.125 ug /mL, Lane 2: 0.25 ug/mL and Lane 3: 0.5 ug/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution. Observed at around 55kDa.



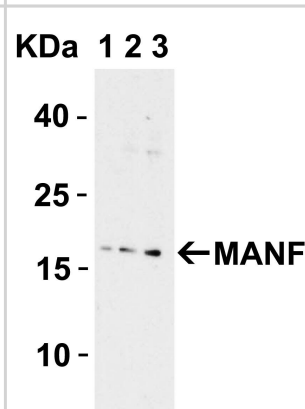
Western Blot: MANF Antibody [NBP1-76836] - Western Blot Validation in Human, Mouse (NIH/3T3) and Rat (YB2/0) Cell Lines. Loading: 15 ug of lysates per lane. Antibodies: MANF NBP1-76836 (2 ug /mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



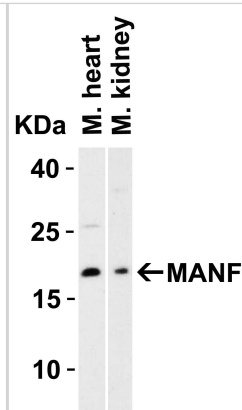
Western Blot: MANF Antibody - BSA Free [NBP1-76836] - Validation in Human Tissues. Loading: 15 ug of lysates per lane. Antibodies: MANF, (2 ug/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



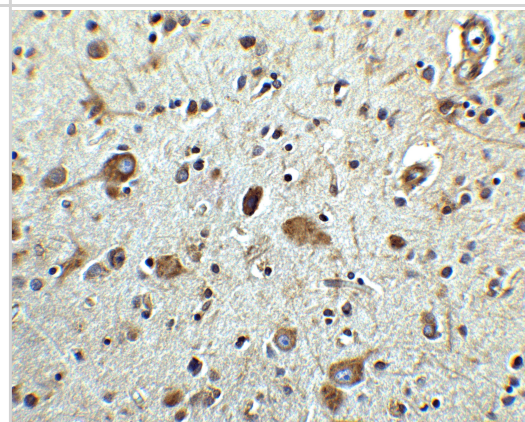
Western Blot: MANF Antibody - BSA Free [NBP1-76836] - Validation in Rat Liver. Loading: 15 ug of lysates per lane. Antibodies: MANF, 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution. Lane 1: 1 ug/mL Lane 2: 2 ug/mL Lane 3: 4 ug/mL



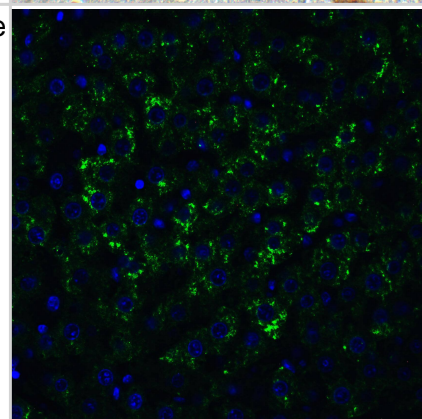
Western Blot: MANF Antibody - BSA Free [NBP1-76836] - Validation in Mouse Tissues Loading: 15 ug of lysates per lane. Antibodies: MANF, (2 ug/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



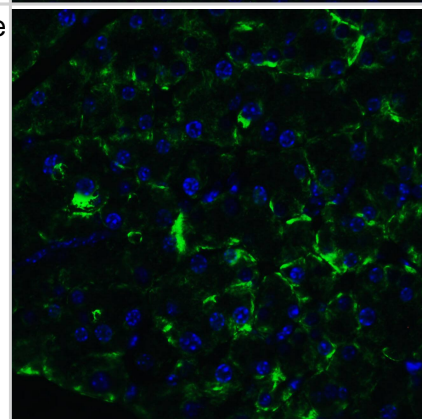
Immunohistochemistry: MANF Antibody - BSA Free [NBP1-76836] - Validation of MANF in Human Brain Tissue. Immunohistochemical analysis of paraffin-embedded human brain tissue using anti-MANF antibody at 2.5 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



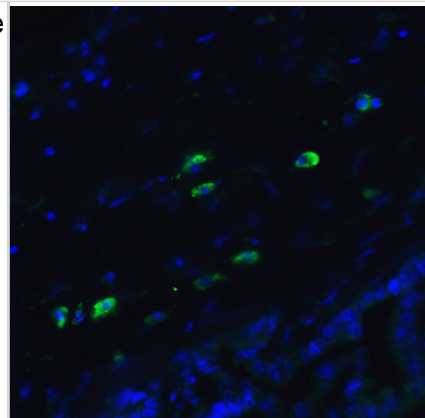
Immunocytochemistry/ Immunofluorescence: MANF Antibody - BSA Free [NBP1-76836] - Validation of MANF in Rat Liver. Immunofluorescent analysis of 4% paraformaldehyde-fixed rat liver cells labeling MANF with at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI antibody (blue).



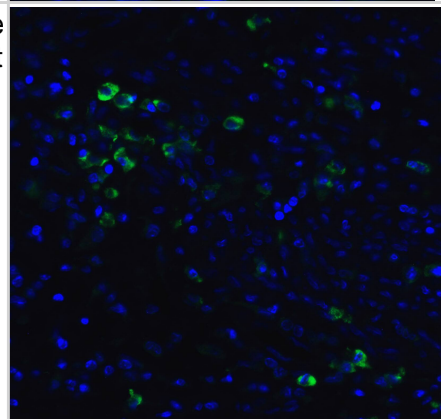
Immunocytochemistry/ Immunofluorescence: MANF Antibody - BSA Free [NBP1-76836] - Validation of MANF in Mouse Pancreas. Immunofluorescent analysis of 4% paraformaldehyde-fixed mouse pancreas cells labeling MANF at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI antibody (blue).



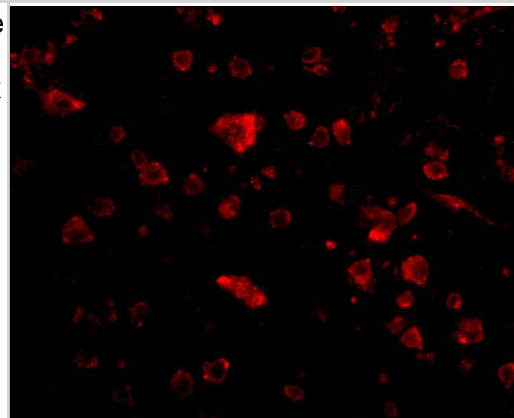
Immunocytochemistry/ Immunofluorescence: MANF Antibody - BSA Free [NBP1-76836] - Validation of MANF in Human Liver. Immunofluorescent analysis of 4% paraformaldehyde-fixed human liver cells labeling MANF at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI antibody (blue).



Immunocytochemistry/ Immunofluorescence: MANF Antibody - BSA Free [NBP1-76836] - Validation of MANF in Human Colon. Immunofluorescent analysis of 4% paraformaldehyde-fixed human colon cells labeling MANF with at 5 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI antibody (blue).



Immunocytochemistry/ Immunofluorescence: MANF Antibody - BSA Free [NBP1-76836] - Validation of MANF in Human Cervix. Immunofluorescent analysis of 4% paraformaldehyde-fixed human cervix cells labeling MANF at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI antibody (blue).





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 NBP1-76836

NBP1-76836PEP	MANF Antibody Blocking Peptide
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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