

Product Datasheet

ME2 Antibody - BSA Free NBP1-82434

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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NBP1-82434

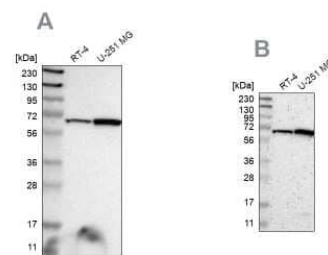
ME2 Antibody - BSA Free

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 ME2 Antibody - BSA Free (NBP1-82434) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4200
Gene Symbol	ME2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (87%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DGRVFTPGQGNNVYIFPGVALAVILCNTRHISDSVFLEAAKALTSQLTDEELAQ GRLYPPLANIQEVSINIAIKVTEYLYANKMAFRYPEPEDKAKYVKERTWRSEYDS LLPDVYEWPESSAPPV
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 1:200-1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

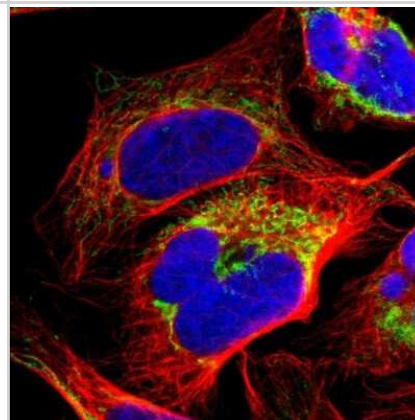


Images

Western Blot: ME2 Antibody [NBP1-82434] - Analysis using Anti-ME2 antibody NBP1-82434 (A) shows similar pattern to independent antibody NBP1-89559 (B).



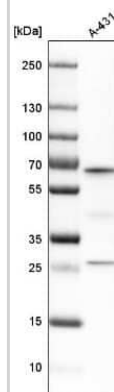
Immunocytochemistry/Immunofluorescence: ME2 Antibody [NBP1-82434] - Immunofluorescent staining of human cell line U-2 OS shows localization to mitochondria.



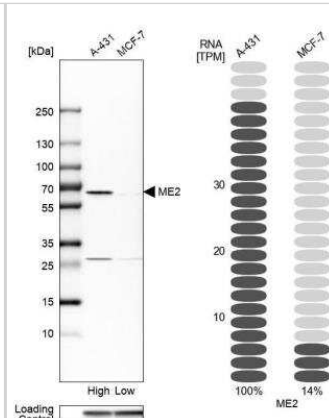
Immunohistochemistry-Paraffin: ME2 Antibody [NBP1-82434] - Staining of human cerebral cortex.



Western Blot: ME2 Antibody [NBP1-82434] - Analysis in human cell line A-431.



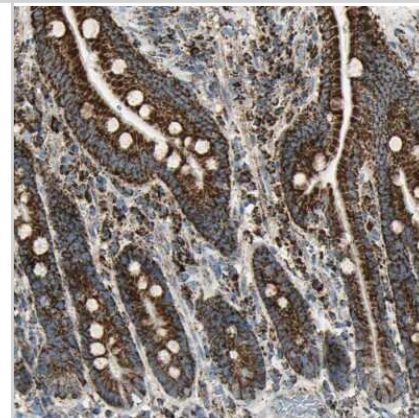
Western Blot: ME2 Antibody [NBP1-82434] - Analysis in human cell lines A-431 and MCF-7. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



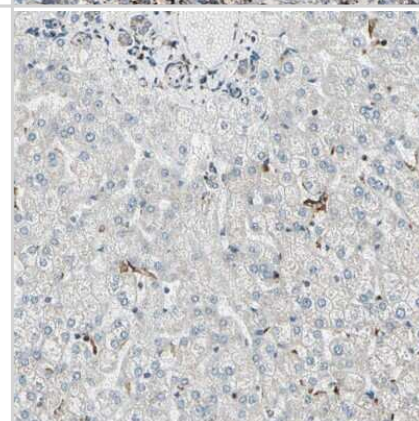
Immunohistochemistry-Paraffin: ME2 Antibody [NBP1-82434] - Staining of human colon shows strong cytoplasmic positivity in granular pattern in glandular cells.



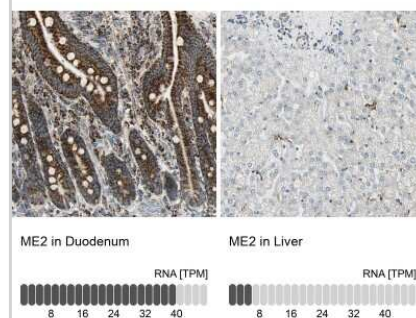
Immunohistochemistry-Paraffin: ME2 Antibody [NBP1-82434] - Staining of human duodenum shows high expression.



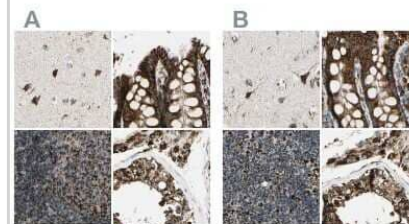
Immunohistochemistry-Paraffin: ME2 Antibody [NBP1-82434] - Staining of human liver shows low expression as expected.



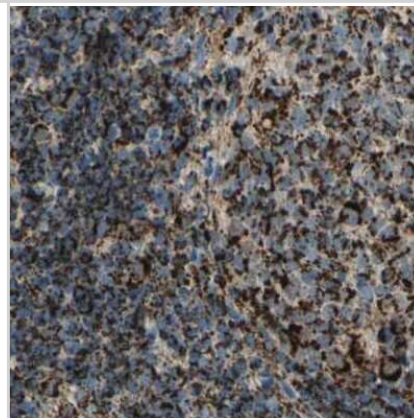
Immunohistochemistry-Paraffin: ME2 Antibody [NBP1-82434] - Staining in human duodenum and liver tissues using anti-ME2 antibody. Corresponding ME2 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: ME2 Antibody [NBP1-82434] - Staining of human cerebral cortex, colon, lymph node and testis using Anti-ME2 antibody NBP1-82434 (A) shows similar protein distribution across tissues to independent antibody NBP1-89559 (B).



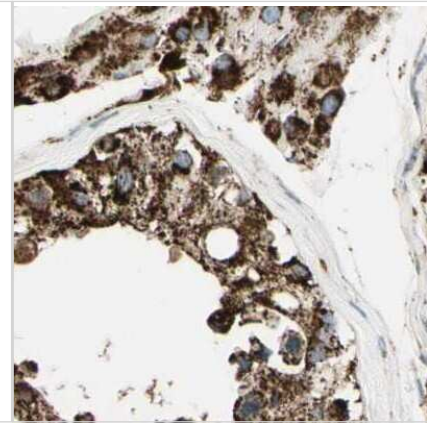
Immunohistochemistry-Paraffin: ME2 Antibody [NBP1-82434] - Staining of human lymph node.



Immunohistochemistry-Paraffin: ME2 Antibody [NBP1-82434] - Staining of human colon.



Immunohistochemistry-Paraffin: ME2 Antibody [NBP1-82434] - Staining of human testis.





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Products Related to NBP1-82434

NBP1-82434PEP	ME2 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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