

# 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**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

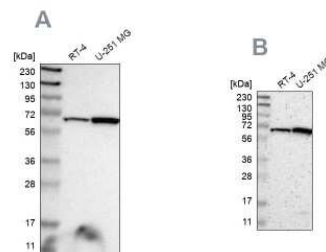
<b>Host</b>	Rabbit
<b>Gene ID</b>	4200
<b>Gene Symbol</b>	ME2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (87%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: DGRVFTPGQGNNVYIFPGVALAVILCNTRHISDSVFLEAAKALTSQLTDEELAQ GRLYPPLANIQEVSNIAIKVTEYLYANKMAFRYPEPEDKAKYVKERTWRSEYDS LLPDVYEWPEASASSPPV

**Product Application Details**

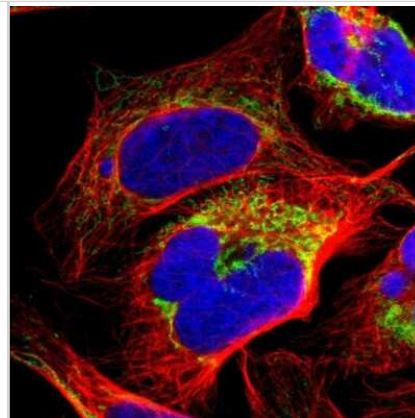
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500
<b>Application Notes</b>	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).



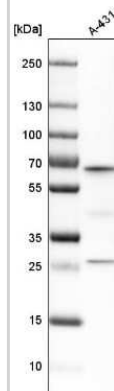
Immunocytochemistry/Immunofluorescence: ME2 Antibody [NBP1-82434] - Immunofluorescent staining of human cell line U-2 OS shows localization to mitochondria.



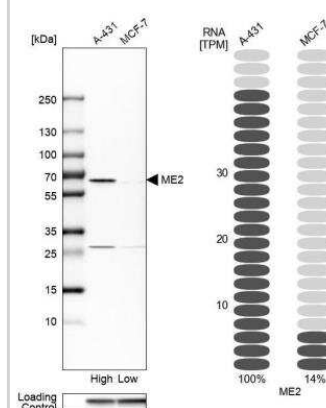
Immunohistochemistry-Paraffin: ME2 Antibody [NBP1-82434] - Staining of human cerebral cortex.



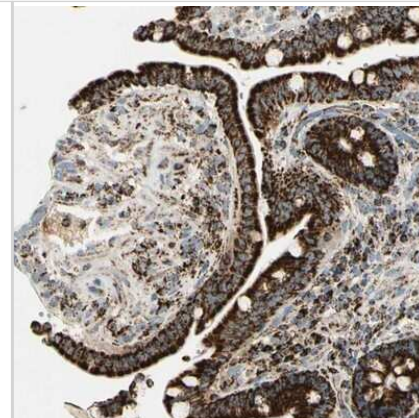
Western Blot: ME2 Antibody [NBP1-82434] - Analysis in human cell line A-431.



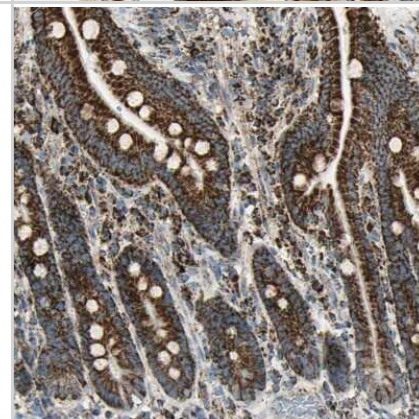
Western Blot: ME2 Antibody [NBP1-82434] - Analysis in human cell lines A-431 and MCF-7. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



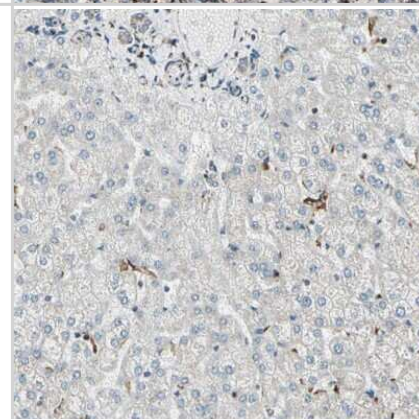
Immunohistochemistry-Paraffin: ME2 Antibody [NBP1-82434] - Staining of human colon shows strong cytoplasmic positivity in granular pattern in glandular cells.



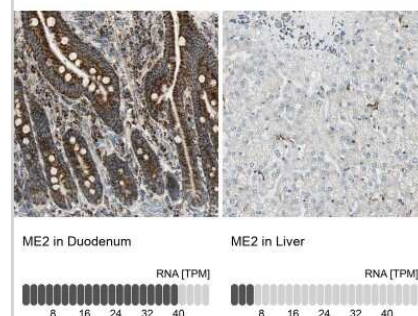
Immunohistochemistry-Paraffin: ME2 Antibody [NBP1-82434] - Staining of human duodenum shows high expression.



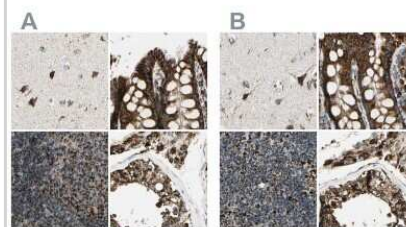
Immunohistochemistry-Paraffin: ME2 Antibody [NBP1-82434] - Staining of human liver shows low expression as expected.



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).



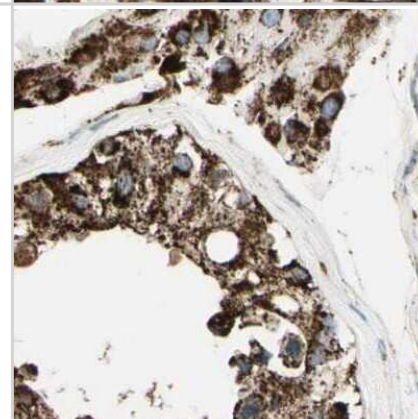
Immunohistochemistry-Paraffin: ME2 Antibody [NBP1-82434] - Staining of human lymph node.



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**

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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

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### **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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