

Product Datasheet

MDH2 Antibody - BSA Free

NBP1-89540

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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NBP1-89540

MDH2 Antibody - BSA Free

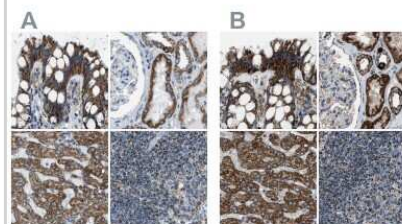
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	4191
Gene Symbol	MDH2
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LPDCLKGCDVVVIPAGVPRKPGMTRDDLNTNATIVATLTAACAQHCPEAMICV IANPVNSTIPITAEVFKKHGVYNPNKI

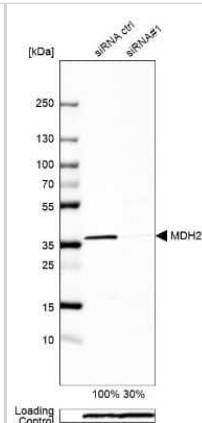
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100

Images

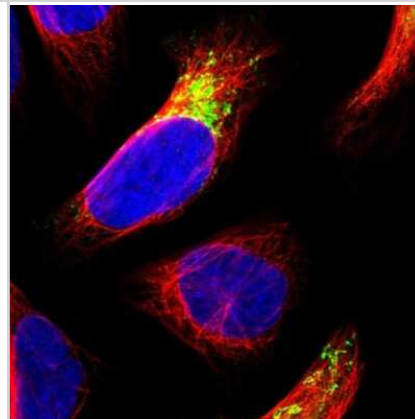
Immunohistochemistry-Paraffin: MDH2 Antibody [NBP1-89540] - Staining of human colon, kidney, liver and lymph node using Anti-MDH2 antibody NBP1-89540 (A) shows similar protein distribution across tissues to independent antibody NBP1-86036 (B).



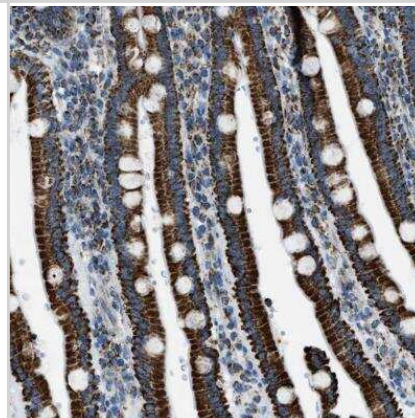
Western Blot: MDH2 Antibody [NBP1-89540] - Analysis in HEK293 cells transfected with control siRNA, target specific siRNA probe #1. Remaining relative intensity is presented. Loading control: Anti-PPIB.



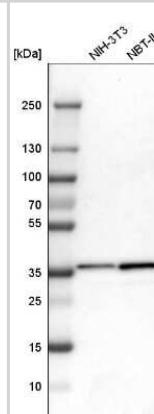
Immunocytochemistry/Immunofluorescence: MDH2 Antibody [NBP1-89540] - Staining of human cell line U-2 OS shows localization to mitochondria. Antibody staining shown in green.



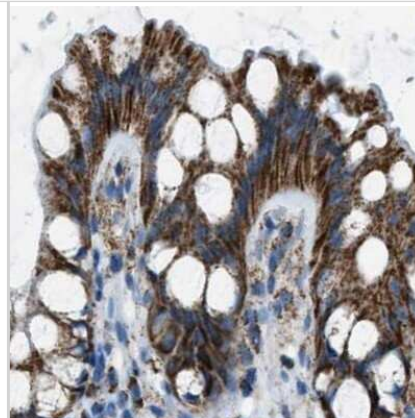
Immunohistochemistry-Paraffin: MDH2 Antibody [NBP1-89540] - Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



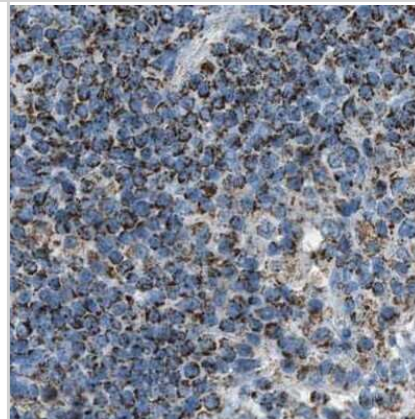
Western Blot: MDH2 Antibody [NBP1-89540] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



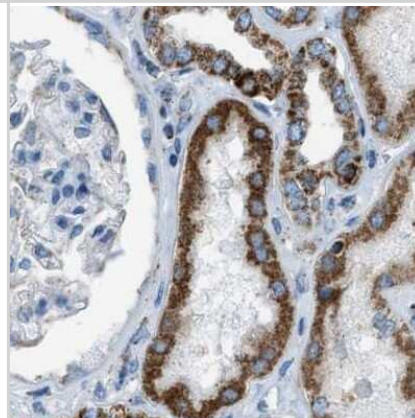
Immunohistochemistry-Paraffin: MDH2 Antibody [NBP1-89540] - Staining of human colon.



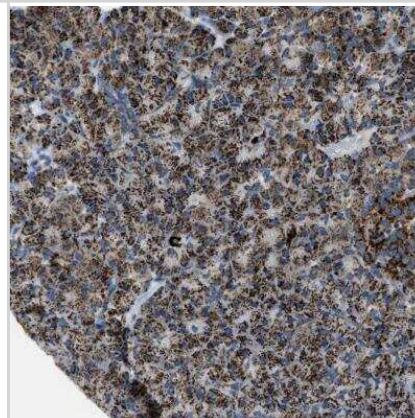
Immunohistochemistry-Paraffin: MDH2 Antibody [NBP1-89540] - Staining of human lymph node.



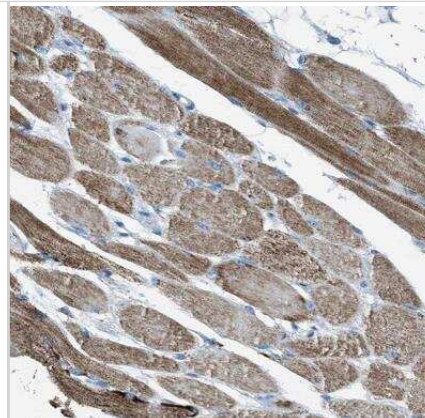
Immunohistochemistry-Paraffin: MDH2 Antibody [NBP1-89540] - Staining of human kidney.



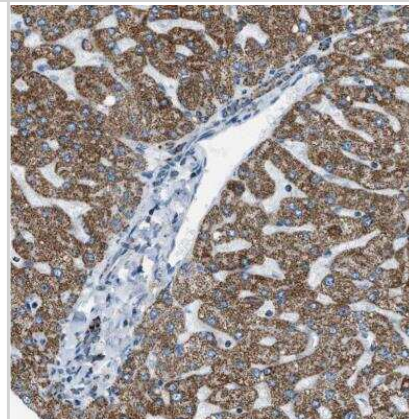
Immunohistochemistry-Paraffin: MDH2 Antibody [NBP1-89540] - Staining of human pancreas shows moderate to strong granular cytoplasmic positivity in exocrine glandular cells.



Immunohistochemistry-Paraffin: MDH2 Antibody [NBP1-89540] - Staining of human skeletal muscle shows moderate to strong granular cytoplasmic positivity in myocytes



Immunohistochemistry-Paraffin: MDH2 Antibody [NBP1-89540] - Staining of human liver shows moderate to strong granular cytoplasmic positivity in hepatocytes.





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Products Related to NBP1-89540

NBP1-89540PEP	MDH2 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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