

Product Datasheet

MDH2 Antibody - BSA Free

NBP1-86036

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-86036

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-86036



NBP1-86036

MDH2 Antibody - BSA Free

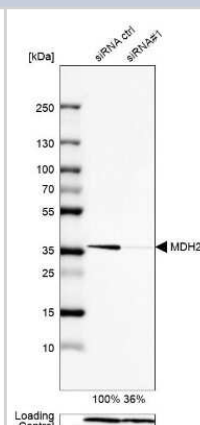
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium 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
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23334578)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VTTLDIVRANTFVAELKGLDPARVNVPVIGGHAGKTIIP LISQCTPKVDFFPQDQLT ALTGRIQEAGTEVVKAKAGAGSATLSM

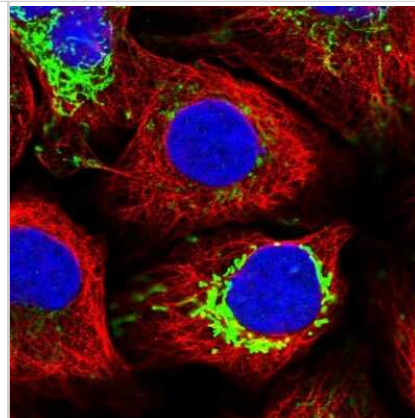
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	WB reported in scientific literature (PMID: 25763823). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

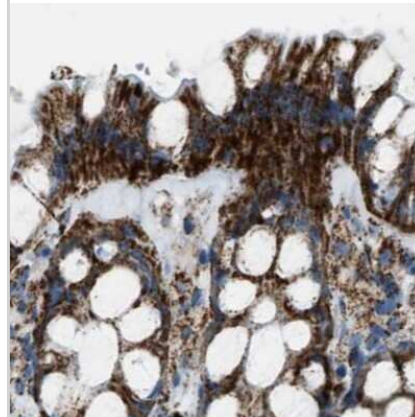
Western Blot: MDH2 Antibody [NBP1-86036] - Analysis in HEK293 cells transfected with control siRNA, target specific siRNA probe #1,. Remaining relative intensity is presented. Loading control: Anti-PPIB.



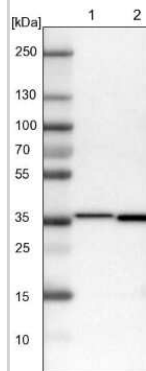
Immunocytochemistry/Immunofluorescence: MDH2 Antibody [NBP1-86036] - Staining of human cell line U-2 OS shows localization to mitochondria. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: MDH2 Antibody [NBP1-86036] - Staining of human colon.



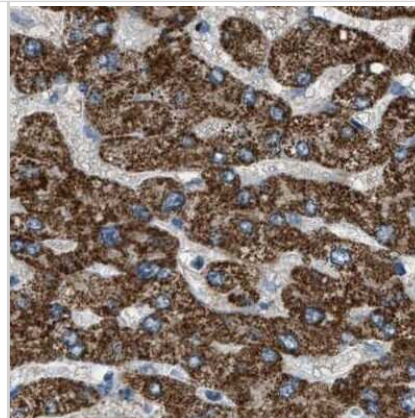
Western Blot: MDH2 Antibody [NBP1-86036] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



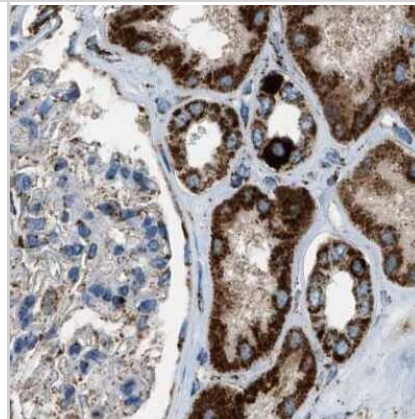
Immunohistochemistry-Paraffin: MDH2 Antibody [NBP1-86036] - Staining of human lymph node.



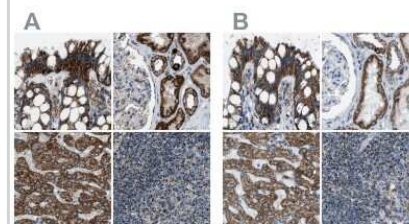
Immunohistochemistry-Paraffin: MDH2 Antibody [NBP1-86036] - Staining of human liver.



Immunohistochemistry-Paraffin: MDH2 Antibody [NBP1-86036] - Staining of human kidney.



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



Publications

Rzem R, Achouri Y, Marbaix E et al. A Mouse Model of L-2-Hydroxyglutaric Aciduria, a Disorder of Metabolite Repair. PLoS One 2015-01-01 [PMID: 25763823] (WB, Mouse)

Shin JB, Krey JF, Hassan A et al. Molecular Architecture of the Chick Vestibular Hair Bundle. Nat Neurosci 2013-03-01 [PMID: 23334578]



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 NBP1-86036

NBP1-86036PEP	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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-86036

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

