

Product Datasheet

MDH2 Antibody - BSA Free

NBP1-89518

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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NBP1-89518

MDH2 Antibody - BSA Free

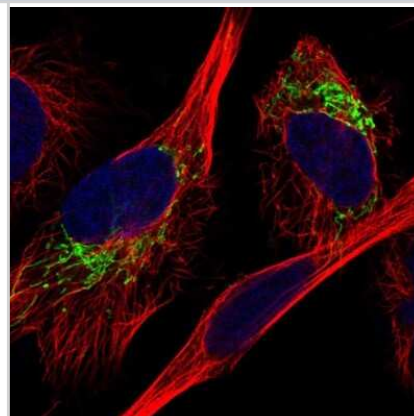
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit MDH2 Antibody - BSA Free (NBP1-89518) 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	4191
Gene Symbol	MDH2
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MLSALARPASAALRRSFSTSAQNNAKVAVLGASGGIGQPLSLLLKNSPLVSRLT LYDIAHTPGVAADLSHIETKAAVKGYLGPE

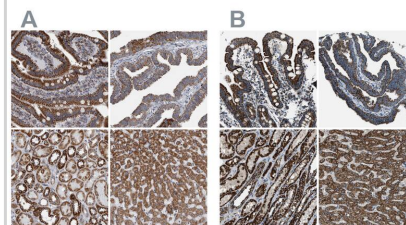
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

Immunocytochemistry/Immunofluorescence: MDH2 Antibody [NBP1-89518] - Staining of human cell line U-251 MG shows localization to mitochondria. Antibody staining is shown in green.



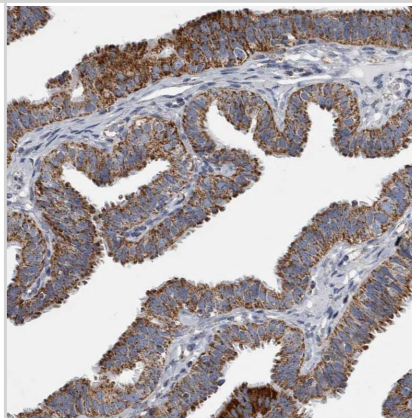
Staining of human duodenum, fallopian tube, kidney and liver using Anti-MDH2 antibody NBP1-89518 (A) shows similar protein distribution across tissues to independent antibody NBP1-86036 (B).



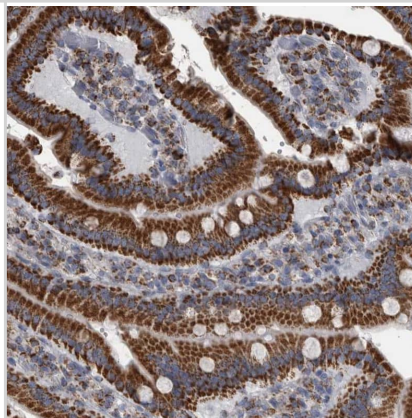
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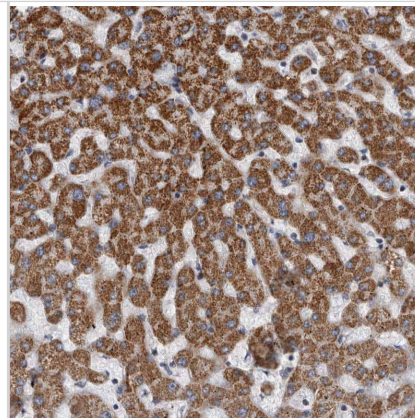
Staining of human fallopian tube shows strong positivity in cytoplasm granular in glandular cells.



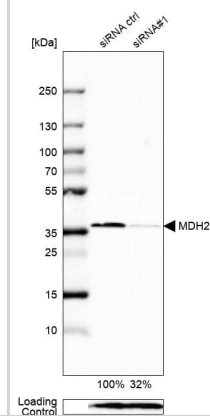
Staining of human duodenum shows strong positivity in cytoplasm granular in glandular cells.



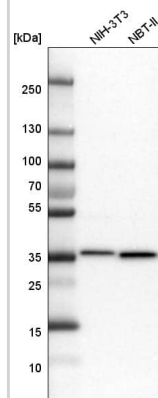
Staining of human liver shows strong positivity in cytoplasm granular in hepatocytes.



Analysis in HEK293 cells transfected with control siRNA, target specific siRNA probe #1, using Anti-MDH2 antibody. Remaining relative intensity is presented. Loading control: Anti-PPiB.



Staining of human duodenum, fallopian tube, kidney and liver using Anti-MDH2 antibody NBP1-89518 (A) shows similar protein distribution across tissues to independent antibody NBP1-86036 (B).





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Products Related to NBP1-89518

NBP1-89518PEP	MDH2 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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