

Rabbit MDH2 Polyclonal Antibody | anti-MDH2 antibody

MDH2 Antibody

CATALOG # AAA225290	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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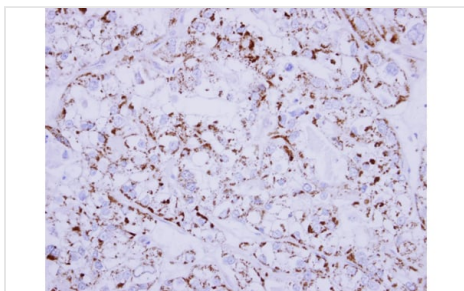
PRODUCT SYNONYMS

MDH2; Polyclonal Antibody; MDH2 Antibody; Affinity Purified Rabbit Polyclonal MDH2 Antibody; Polyclonal MDH2 antibody; Anti-MDH2 antibody; MDH 2 antibody; MDH-2 antibody; malate dehydrogenase 2 NAD (mitochondrial) antibody; MDH 2; MGC:3559 antibody; MDH-2; malate dehydrogenase mitochondrial antibody; MDH antibody; MDH2 antibody; MOR1 antibody; anti-MDH2 antibody

PRODUCT SPECIFICATIONS

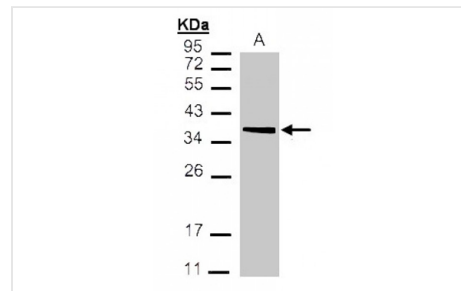
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.76 mg/ml (varies by lot)
Sequence Length	231
Applicable Applications for anti-MDH2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	MDH2 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 40 and 319 of MDH2
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



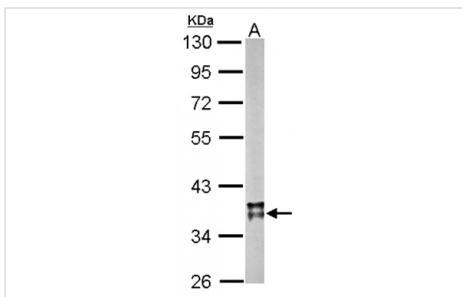
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded OVCA xenograft using MDH2 antibody at a dilution of 1:500



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A:293T) using a 12% SDS PAGE gel and MDH2 antibody at a dilution of 1:1000



WB (Western Blot)

Western blot analysis of 20 ug of whole cell lysate (A: mouse brain) using a 10% SDS PAGE gel and MDH2 antibody at a dilution of 1:10000

ADDITIONAL INFORMATION

Related Product Information for anti-MDH2 antibody	Malate dehydrogenase catalyzes the reversible oxidation of malate to oxaloacetate, utilizing the NAD/NADH cofactor system in the citric acid cycle. The protein encoded by this gene is localized to the mitochondria and may play pivotal roles in the malate-aspartate shuttle that operates in the metabolic coordination between cytosol and mitochondria.
Product Categories/Family for anti-MDH2 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	538919948
NCBI GeneID	4191
NCBI GenBank Nucleotide #	NP_001269333.1
UniProt Accession #	P40926
Molecular Weight	36 kDa
NCBI Official Full Name	malate dehydrogenase, mitochondrial isoform 3
NCBI Official Synonym Full Names	malate dehydrogenase 2
NCBI Official Symbol	MDH2
NCBI Official Synonym Symbols	MDH; MOR1; M-MDH; EIEE51; MGC:3559
NCBI Protein Information	malate dehydrogenase, mitochondrial
UniProt Protein Name	Malate dehydrogenase, mitochondrial
UniProt Gene Name	MDH2
UniProt Entry Name	MDHM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mdh2-antibody-western-blot-immunohistochemistry-elisa/225290>