

Rabbit MDH2 Polyclonal Antibody | anti-MDH2 antibody

MDH2 antibody

CATALOG # AAA305876	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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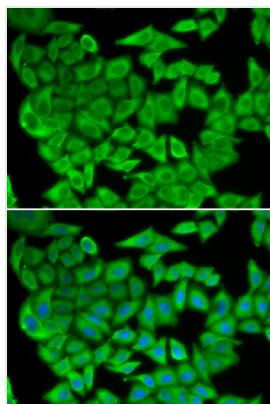
PRODUCT SYNONYMS

MDH2; Polyclonal Antibody; MDH2 antibody; MDH; MOR1; M-MDH; MGC:3559; anti-MDH2 antibody

PRODUCT SPECIFICATIONS

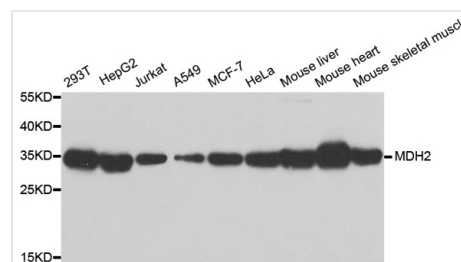
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total MDH2 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	296
Applicable Applications for anti-MDH2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human MDH2.
Target Name	MDH2
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using MDH2 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MDH2 antibody.

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. Several transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-MDH2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	538919685
NCBI GeneID	4191
NCBI Accession #	NP_001269332.1
NCBI GenBank Nucleotide #	NM_001282403.1
UniProt Accession #	P40926; O43682; A8K414; B2RE78; B4DE44; E9PDB2
Molecular Weight	30,875 Da
NCBI Official Full Name	malate dehydrogenase, mitochondrial isoform 2
NCBI Official Synonym Full Names	malate dehydrogenase 2, NAD (mitochondrial)
NCBI Official Symbol	MDH2
NCBI Official Synonym Symbols	MDH; MOR1; M-MDH; 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://stage.aaabiotech.com/polyclonal/mdh2-antibody-immunofluorescence-western-blot-elisa/305876>