

Rabbit MDH2 Polyclonal Antibody | anti-MDH2 antibody

MDH2 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199908	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

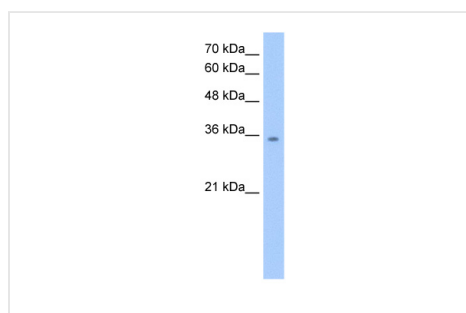
PRODUCT SYNONYMS

MDH2; Polyclonal Antibody; MDH2 antibody - C-terminal region; anti-MDH2 antibody

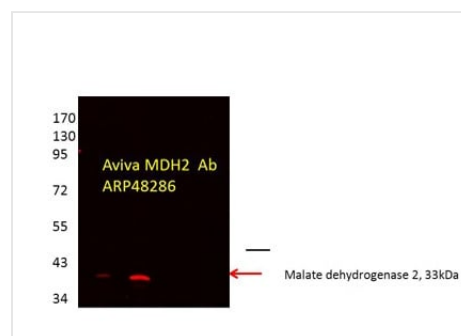
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TY FSTPLLLGKK GIEKNLGIGK VSSFEEKMIS DAIPELKASI KKGEDFVK
Sequence Length	338
Applicable Applications for anti-MDH2 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human MDH2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-MDH2 Antibody Titration: 2.5ug/ml Positive Control: HepG2 cell lysate


WB (Western Blot)

MDH2 antibody - C-terminal region validated by WB using Proximal kidney tubules purified from cortex at 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-MDH2 antibody	This is a rabbit polyclonal antibody against MDH2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Malate dehydrogenase catalyzes the reversible oxidation of malate to oxaloacetate, utilizing the NAD/NADH cofactor system in the citric acid cycle. MDH2 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-MDH2 antibody	Polyclonal; Drugs and Drug Metabolism; Acetylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	21735621
NCBI GeneID	4191
NCBI Accession #	NP_005909
NCBI GenBank Nucleotide #	NM_005918
UniProt Accession #	P40926
Molecular Weight	33kDa
NCBI Official Full Name	malate dehydrogenase, mitochondrial isoform 1
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.