

Goat MDH/MDH2 Polyclonal Antibody | anti-MDH2 antibody

MDH/MDH2 Goat anti-Human Polyclonal (Internal Region) Antibody

CATALOG # AAA21368	HOST Goat	REACTIVITY Mouse, Rat, Pig, Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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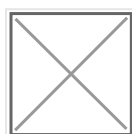
PRODUCT SYNONYMS

MDH/MDH2; Polyclonal Antibody; MDH/MDH2 Goat anti-Human Polyclonal (Internal Region) Antibody; IHC-plus MDH/MDH2 Antibody (Internal Region); MDH2; MDH; M-MDH; MGC:3559; MOR1; anti-MDH2 antibody

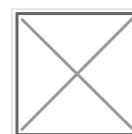
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Mouse, Rat, Pig, Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	TBS, pH7.3, 0.02% Sodium Azide, 0.5% BSA
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-MDH2 antibody	IHC (Immunohistochemistry), ELISA (Peptide ELISA), WB (Western Blot)
Application Notes	IHC-P: 5ug/ml Peptide-ELISA: 1:8000 WB: 0.1-0.3ug/ml Peptide ELISA: antibody detection limit dilution 1:8000. Western blot: Approx 35kDa band observed in lysates of cell lines HeLa, HepG2 and NIH3T3 (calculated MW of 35.5kDa according to Human NP_005909.2 and 35.6kDa according to Mouse NP_032643.2). Recommended concentration: 0.1-0.3ug/ml. Approx 35kDa band observed in Human, Mouse, Rat and Pig Heart lysates (calculated MW of 35.5kDa according to Human NP_005909.2 and 35.6kDa according to Mouse NP_032643.2, Rat NP_112413.2 and Pig NP_001231082.1). Recommended concentration: 0.01-0.03ug/ml.
Target	Human MDH/MDH2
Immunogen	Peptide with sequence C-TRDDLNTNAT, from the internal region of the protein sequence according to NP_005909.2.
Conjugation	Unconjugated
Epitope	Internal Region
Preparation and Storage	Aliquot and store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
MDH/MDH2 Antibody-Human Heart: Formalin-Fixed, Paraffin-Embedded (FFPE)



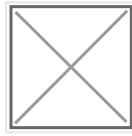
IHC (Immunohistochemistry)
MDH/MDH2 Antibody-Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)

**IHC (Immunohistochemistry)**

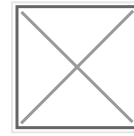
MDH/MDH2 Antibody-Human Skeletal Muscle: Formalin-Fixed, Paraffin-Embedded (FFPE)

**WB (Western Blot)**

MDH/MDH2 Antibody-Antibody (0.1ug/ml) staining of HeLa (A), HepG2 (B) and NIH3T3 (C) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**WB (Western Blot)**

MDH/MDH2 Antibody-Antibody (0.01ug/ml) staining of Human (A), Mouse (B), Rat (C) and Pig (D) Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**WB (Western Blot)**

MDH/MDH2 Antibody-Goat anti-MDH2 Antibody (0.1ug/ml) staining of HeLa (A), HepG2 (B) and NIH3T3 (C) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-MDH2 antibody

MDH2 antibody is an unconjugated goat polyclonal antibody to MDH2 (MDH)(Internal Region) from human. It is reactive with human, mouse, rat and other species. Validated for IHC, Peptide-ELISA and WB. Tested on 20 paraffin-embedded human tissues.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21735621
NCBI GeneID	4191
NCBI Accession #	NP_005909.2
NCBI GenBank Nucleotide #	NM_005918
UniProt Accession #	P40926 ; O43682 ; A8K414 ; B2RE78 ; B4DE44 ; E9PDB2
NCBI Official Full Name	malate dehydrogenase, mitochondrial isoform 1
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/mdh-mdh2-antibody-immunohistochemistry-peptide-elisa-western-blot-elisa/21368>