

Goat MDH1/MOR2 Polyclonal Antibody | anti-MDH1 antibody

Goat anti-MDH1/MOR2 (aa211-223) Antibody

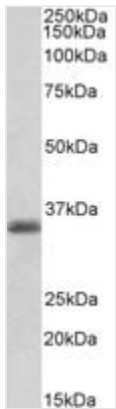
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61658	Goat	Tested: Human, Mouse, Rat, Pig; Expected from sequence similarity: Human, Mouse, Rat, Cow	Western Blot, ELISA

PRODUCT SYNONYMS

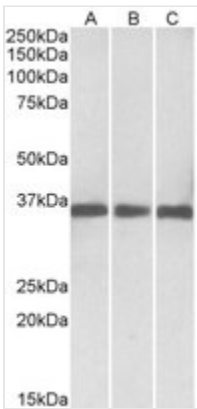
MDH1/MOR2; Polyclonal Antibody; Goat anti-MDH1/MOR2 (aa211-223) Antibody; Goat Anti-MDH1 / MOR2 Antibody; MDH1; malate dehydrogenase 1; NAD (soluble); MDH-s; MDHA; MGC: 1375; MOR2; cytosolic malate dehydrogenase; malate dehydrogenase; cytoplasmic; soluble malate dehydrogenase; MDH1 antibody; NAD (soluble) antibody; MDH-s antibody; MDHA antibody; MGC: 1375 antibody; MOR2 antibody; cytosolic malate dehydrogenase antibody; cytoplasmic antibody; soluble malate dehydrogenase antibody; MDH1 / MOR2 (aa211-223); anti-MDH1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat, Pig; Expected from sequence similarity: Human, Mouse, Rat, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	PDVNHAKVKL QGK
Sequence Length	352
Applicable Applications for anti-MDH1 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-PDVNHAKVKLQGK, from the internal region of the protein sequence according to NP_001186040.1; NP_005908.1; NP_001186041.1.
Epitope	Internal region
Note	This antibody is expected to recognize all reported isoforms (NP_001186040.1; NP_005908.1; NP_001186041.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



WB (Western Blot)
0.1ug/ml staining of Pig Heart lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



WB (Western Blot)
0.03ug/ml staining of Human (A), Mouse(B) and Rat (C) Heart lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	312283701
NCBI GeneID	4190
NCBI Accession #	NP_001186040.1; NP_005908.1; NP_001186041.1
NCBI GenBank Nucleotide #	NM_001199111.1
Molecular Weight	38,628 Da
NCBI Official Full Name	malate dehydrogenase, cytoplasmic isoform 2
NCBI Official Synonym Full Names	malate dehydrogenase 1
NCBI Official Symbol	MDH1
NCBI Official Synonym Symbols	MDHA; MOR2; MDH-s; HEL-S-32; MGC:1375
NCBI Protein Information	malate dehydrogenase, cytoplasmic; malate dehydrogenase, peroxisomal
UniProt Protein Name	Malate dehydrogenase, cytoplasmic
UniProt Gene Name	MDH1
UniProt Synonym Gene Names	MDHA
UniProt Entry Name	MDHC_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.