

Rabbit anti-Human, Mouse MDH1 Polyclonal Antibody | anti-MDH1 antibody

MDH1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235334	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

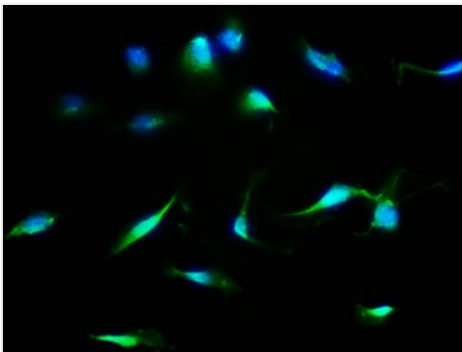
PRODUCT SYNONYMS

MDH1; Polyclonal Antibody; MDH1 Antibody; Malate dehydrogenase; cytoplasmic; EC 1.1.1.37; Cytosolic malate dehydrogenase; Diiodophenylpyruvate reductase; EC 1.1.1.96; MDHA; anti-MDH1 antibody

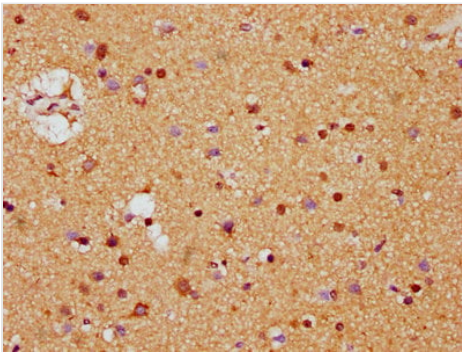
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95% Protein G Purified
Form/Format	Liquid
Sequence Length	352
Applicable Applications for anti-MDH1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Malate dehydrogenase, cytoplasmic protein (1-334AA)
Conjugate	Non-Conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

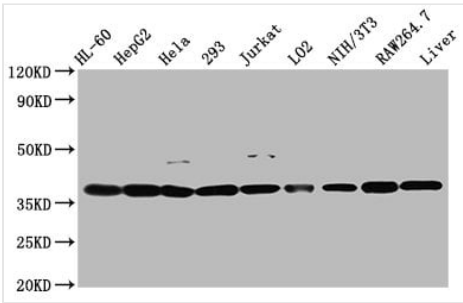
IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of U251 cells with CSB-PA013621EA01HU at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)
IHC image of CSB-PA013621EA01HU diluted at 1:400 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)
Western BlotPositive WB detected in: HL60 whole cell lysate, HepG2 whole cell lysate, HeLa whole cell lysate, 293 whole cell lysate, Jurkat whole cell lysate, LO2 whole cell lysate, NIH/3T3 whole cell lysate, RAW264.7 whole cell lysate, Mouse liver tissueAll lanes: MDH1 antibody at 2.6ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 37, 28, 39 kDaObserved band size: 37 kDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-MDH1 antibody	Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	312283701
NCBI GeneID	4190
NCBI Accession #	NP_001186040.1
NCBI GenBank Nucleotide #	NM_001199111.1
UniProt Accession #	P40925; Q6I9V0; B2R5V5; B4DUN2; B7Z3I7; F5H098
Molecular Weight	27,025 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

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/mdh1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/235334>