

Product datasheet for TA346603

MDH1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-MDH1 antibody: synthetic peptide directed towards the middle

region of human MDH1. Synthetic peptide located within the following region:

NFSCLTRLDHNRAKAQIALKLGVTANDVKNVIIWGNHSSTQYPDVNHAKV

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Protein A purified

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 36 kDa

Gene Name: malate dehydrogenase 1

Database Link: NP 005908

Entrez Gene 4190 Human

P40925

Background: 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 cytoplasm and may play pivotal roles in the malate-aspartate shuttle that operates in the metabolic coordination between cytosol and mitochondria. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

[provided by RefSeq, Nov 2010]



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MDH1 Rabbit Polyclonal Antibody - TA346603

Synonyms: HEL-S-32; MDH-s; MDHA; MGC:1375; MOR2

Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse:

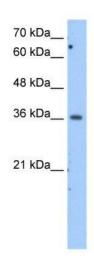
100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Dog: 93%; Goat: 92%; Zebrafish: 92%

Protein Families: Druggable Genome

Protein Pathways: Citrate cycle (TCA cycle), Glyoxylate and dicarboxylate metabolism, Metabolic pathways,

Pyruvate metabolism

Product images:



WB Suggested Anti-MDH1 Antibody Titration: 2.5 ug/ml; Positive Control: Jurkat cell lysate