

MDH1

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 36kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human MDH1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

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

Catalog #: A7563

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4190

Isotype: IgG

Swiss Prot: P40925

Purity: Affinity purification

For research use only.

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.

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