

## MDH2

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:**35kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human MDH2

**Storage Buffer:**

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

**Synonym:**

MDH; MOR1; M-MDH; MGC:3559;

**Catalog #:**A6297

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4191

**Isotype:**IgG

**Swiss Prot:**P40926

**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 mitochondria and may play pivotal roles in the malate-aspartate shuttle that operates in the metabolic coordination between cytosol and mitochondria. Several transcript variants encoding different isoforms have been found for this gene.

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