

MDH2

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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