

MDH1 Rabbit mAb
Catalog # AP77048**Specification**

MDH1 Rabbit mAb - Product Information

Application	WB
Primary Accession	P40925
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	36426

MDH1 Rabbit mAb - Additional Information**Gene ID** 4190**Other Names**
MDH1**Dilution**
WB~~1/500-1/1000**Format**
Liquid**MDH1 Rabbit mAb - Protein Information****Name** MDH1 {ECO:0000303|PubMed:34012073, ECO:0000312|HGNC:HGNC:6970}**Function**

Catalyzes the reduction of aromatic alpha-keto acids in the presence of NADH (PubMed: [2449162](http://www.uniprot.org/citations/2449162), PubMed: [3052244](http://www.uniprot.org/citations/3052244)). Plays essential roles in the malate-aspartate shuttle and the tricarboxylic acid cycle, important in mitochondrial NADH supply for oxidative phosphorylation (PubMed: [31538237](http://www.uniprot.org/citations/31538237)). Catalyzes the reduction of 2-oxoglutarate to 2-hydroxyglutarate, leading to elevated reactive oxygen species (ROS) (PubMed: [34012073](http://www.uniprot.org/citations/34012073)).

Cellular Location
Cytoplasm, cytosol.**MDH1 Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MDH1 Rabbit mAb - Images

