

Mdh1 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12897**Specification**

Mdh1 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P14152
Other Accession	NM_008618 , NP_032644
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36kDa kDa

Mdh1 Antibody - N-terminal region - Additional Information**Gene ID** 17449**Alias Symbol** B230377B03Rik, D17921, MDH-s, MDHA, Mor-2, Mor2**Other Names**

Malate dehydrogenase, cytoplasmic, 1.1.1.37, Cytosolic malate dehydrogenase, Mdh1, Mor2

Format

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

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Mdh1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Mdh1 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Mdh1 Antibody - N-terminal region - Protein Information**Name** Mdh1**Synonyms** Mor2**Function**

Catalyzes the reduction of aromatic alpha-keto acids in the presence of NADH. Plays essential roles in the malate-aspartate shuttle and the tricarboxylic acid cycle, important in mitochondrial NADH supply for oxidative phosphorylation. Catalyzes the reduction of 2- oxoglutarate to 2-hydroxyglutarate, leading to elevated reactive oxygen species (ROS).

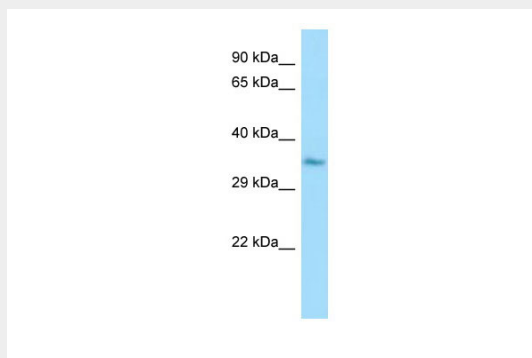
Cellular Location

Cytoplasm, cytosol {ECO:0000250|UniProtKB:P40925}

Mdh1 Antibody - N-terminal region - 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 Antibody - N-terminal region - Images

Host: Rabbit

Target Name: Mdh1

Sample Tissue: Mouse Stomach lysates

Antibody Dilution: 1.0µg/ml