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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).

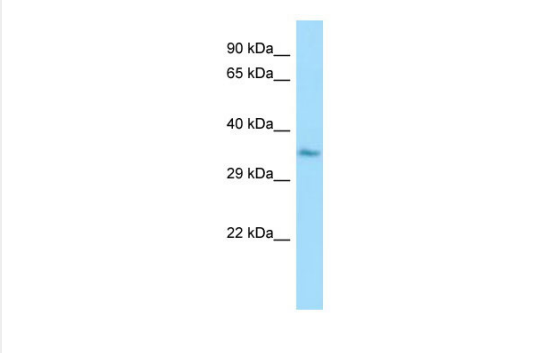
Cellular Location
Cytoplasm, cytosol {ECO:0000250|UniProtKB:P40925}

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 Cytomety
- Cell Culture

Mdh1 Antibody - N-terminal region - Images



Host: Rabbit
Target Name: Mdh1
Sample Tissue: Mouse Stomach lysates
Antibody Dilution: 1.0µg/ml