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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MDH1 polyclonal antibody (A01)

Catalog # : H00004190-A01

規格 : [50 uL]

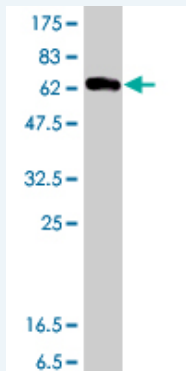
List All

Specification

Product Description:	Mouse polyclonal antibody raised against a full-length recombinant MDH1.
Immunogen:	MDH1 (AAH01484.1, 1 a.a. ~ 334 a.a) full-length recombinant protein with GST tag.
Sequence:	MSEPIRVLVTGAAGQIAYSLLYSIGNSGSVFGKDQPIILVLLDITPMMGVLDG VLMELQDCALPLLKDVATDKEDVAFKDLDVAILVGSMPRREGMERKDLL KANVKIFKSQGAALDKYAKKSVKIVVGNPANTNCLTASKSAPSIPKENFS CLTRLDHNRKAQIALKLGVTANDVKNVIWGNHSSTQYPDVENHAKVKLQ GKEVGVYEALKDDSWLKGEFVTTVQQRGAAVIKARKLSSAMSAKAICD HVRDIWFGTPEGEFVSMGVISDGNSYGVDDLLYSFPVVIKNTWKFVE GLPINDFSREKMDLTAKELTEEKESAFEFLLSSA
Host:	Mouse
Reactivity:	Human

Quality Control Antibody Reactive Against Recombinant Protein.

Testing:



Western Blot detection against Immunogen (62.48 KDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [4190](#)

GeneBank [BC001484](#)
Accession#:

Protein [AAH01484.1](#)
Accession#:

Gene Name: MDH1

Gene Alias: MDH-s,MDHA,MGC:1375,MOR2

Gene Description: malate dehydrogenase 1, NAD (soluble)

Omim ID: [154200](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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 cytoplasm and may play pivotal roles in the malate-aspartate shuttle that operates in the metabolic coordination between cytosol and mitochondria.
[provided by RefSeq]

Other Designations: cytosolic malate dehydrogenase,soluble malate dehydrogenase

Gene Pathway

[Biosynthesis of alkaloids derived from histidine and purine](#)
[Biosynthesis of alkaloids derived from ornithine, lysine and nicotinic acid](#)
[Biosynthesis of alkaloids derived from shikimate pathway](#)
[Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
[Biosynthesis of phenylpropanoids](#) [Biosynthesis of plant hormones](#)
[Biosynthesis of terpenoids and steroids](#) [Carbon fixation in photosynthetic organisms](#)
[Citrate cycle \(TCA cycle\)](#) [Glyoxylate and dicarboxylate metabolism](#) [Metabolic pathways](#)
[Pyruvate metabolism](#) [Reductive carboxylate cycle \(CO2 fixation\)](#)

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