10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MDH2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18138b

Specification

MDH2 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	P40926
Other Accession	Q4R568, NP_005909.2
Reactivity	**Human**
Predicted	**Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**35503**
Antigen Region	**297-326**

MDH2 Antibody (C-term) - Additional Information

Gene ID 4191

Other Names
Malate dehydrogenase, mitochondrial, MDH2

Target/Specificity
This MDH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 297-326 amino acids from the C-terminal region of human MDH2.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
MDH2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MDH2 Antibody (C-term) - Protein Information

Name MDH2

Cellular Location

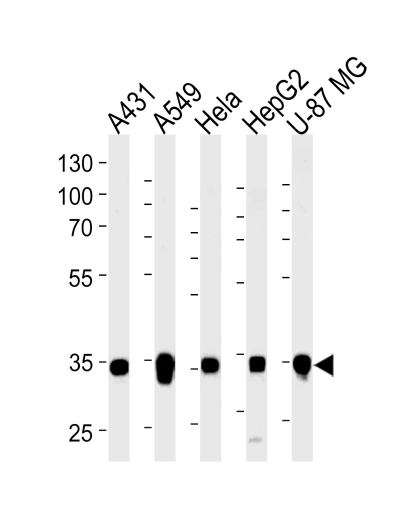
Mitochondrion matrix {ECO:0000250|UniProtKB:P04636}

MDH2 Antibody (C-term) - 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

MDH2 Antibody (C-term) - Images



Western blot analysis of lysates from A431, A549, Hela, HepG2, U-87 MG cell line (from left to right), using MDH2 Antibody (C-term)(Cat. #AP18138b). AP18138b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

MDH2 Antibody (C-term) - 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. [provided by RefSeq].

MDH2 Antibody (C-term) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Rzem, R., et al. J. Inherit. Metab. Dis. 30(5):681-689(2007)
Luo, C., et al. J. Biochem. Biophys. Methods 68(2):101-111(2006)

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