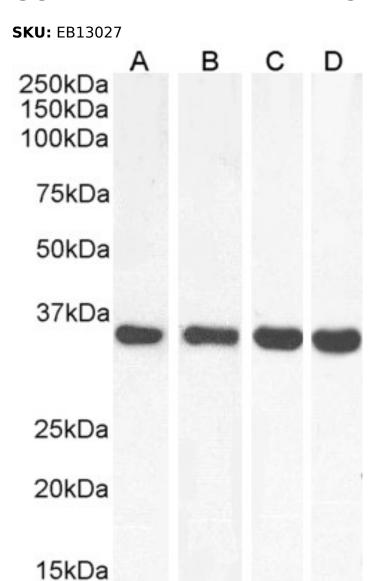
Telephone: (650) 697-3600



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GOAT ANTI-MDH2 ANTIBODY



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Unit Size $100 \mu g$





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Storage

Aliquot and store at -20°C. Minimize freezing and thawing. Instructions

Synonym /

malate dehydrogenase, mitochondrial|MOR1|MGC:3559|MDH|M-MDH|malate dehydrogenase 2, NAD **Alias**

Names

(mitochondrial)|MDH2

Accession

NP_005909.2 ID

Blocking

EBP13027

Peptide

Peptide with sequence C-TRDDLFNTNAT, from the internal region of the protein sequence according to

Immunogen

NP 005909.2.

Peptide

C-TRDDLFNTNAT

Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method

using the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Species

Human, Mouse, Rat, Pig, Cow

Reactive

Species

Human, Mouse, Rat, Pig

Human Gene ID

4191

Mouse

17448 Gene ID

Rat Gene ID 81829

Product Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite medium.png

IHC Results Paraffin embedded Human Skeletal Muscle. Recommended concentration: 5µg/ml.

ELISA

Detection Antibody detection limit dilution 1:8000.

Limit

Approx 35kDa band observed in lysates of cell lines HeLa, HepG2 and NIH3T3 (calculated MW of 35.5kDa according to Human NP 005909.2 and 35.6kDa according to Mouse NP 032643.2). Recommended

Western **Blot**

concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. Approx 35kDa band observed in Human, Mouse, Rat and Pig Heart lysates (calculated MW of 35.5kDa according to Human NP_005909.2 and 35.6kDa according

to Mouse NP_032643.2, Rat NP_112413.2 and Pig NP_001231082.1). Recommended concentration:

0.01-0.03µg/ml. Primary incubation was 1 hour. This antibody has been successfully used in WB on Human,

PMID: 38609156.

Application

Pep-ELISA, WB, IHC **Type**

SELECTED REFERENCES

[{"pmid": 38609156, "intro": "This antibody has been successfully used in WB on Human:", "title": "Cytosolic RNA binding of the mitochondrial TCA cycle enzyme malate dehydrogenase.", "author": "Michelle Noble, Aindrila Chatterjee, Thileepan Sekaran, Thomas Schwarzl, Matthias W Hentze", "journal": "RNA. 2024 Jun 17;30(7):839-853."}]



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GALLERY IMAGES

