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GOAT ANTI-ATP5A1 ANTIBODY

SKU: EB12389



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250kDa 150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa



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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 μg

Storage

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

Synonym / ATP synthase, H+ transportin|ATP synthase subunit alpha, mitochondrial|ATP synthase alpha chain,

Alias

mitochondrial|hATP1|ORM|OMR|MOM2|ATPM|ATP5AL2|ATP5A|ATP synthase, H+ transporting, mitochondrial F1

Names complex, alpha subunit 1, cardiac muscle|ATP5A1

Usage

Additional validation: This antibody has been successfully used in the following paper:

Sikorski et al. (2018) PMID: 30377371. Summary

Accession

NP_004037.1; NP_001244263.1; NP_001001935.1

Blocking

ID

Peptide

EBP12389

Immunogen

Peptide with sequence C-RVHGLRNVQAEE, from the internal region (near N terminus) of the protein sequence

according to NP_004037.1; NP_001244263.1; NP_001001935.1.

This antibody is expected to recognize all reported isoforms (NP 004037.1; NP 001244263.1; **Product**

Comments

NP 001001935.1). Reported variants represent identical protein: NP 001244264.1, NP 001001935.1. Reported

variants represent identical protein: NP_004037.1, NP_001001937.1.

Peptide

Sequence

C-RVHGLRNVQAEE

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

Method using the immunizing peptide.

Shipping

Instructions

Refrigerated

Predicted

Species

Human, Mouse, Rat, Dog, Pig, Cow

Reactive

Species

Human, Mouse, Rat, Pig

Human

Gene ID

Mouse

11946

498

Gene ID

Rat Gene ID 65262

Product

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

Grade **ELISA**

Antibody detection limit dilution 1:128000. **Detection**

Limit

Western

Approx 55kDa band observed in Human, Mouse, Rat and Pig Heart lysates (calculated MW of 54.5kDa

Blot according to NP 001001935.1). Recommended concentration: 0.01-0.03µg/ml.

Application

Type

Pep-ELISA, WB



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SELECTED REFERENCES

[{"pmid": 30377371, "intro": "This antibody has been successfully used in the following paper:", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}]

GALLERY IMAGES



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