

PDHA1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51420**Specification**

PDHA1 Antibody - Product Information

| | |
|-------------------|--------------------------|
| Application | WB |
| Primary Accession | P08559 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 43 KDa |
| Antigen Region | 291 - 350 |

PDHA1 Antibody - Additional Information**Gene ID** 5160**Other Names**

Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial, PDHE1-A type I, PDHA1, PHE1A

Target/Specificity

KLH conjugated synthetic peptide derived from human PDHA1

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

PDHA1 Antibody - Protein Information**Name** PDHA1**Synonyms** PHE1A**Function**

The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2), and thereby links the glycolytic pathway to the tricarboxylic cycle.

Cellular Location

Mitochondrion matrix.

Tissue Location

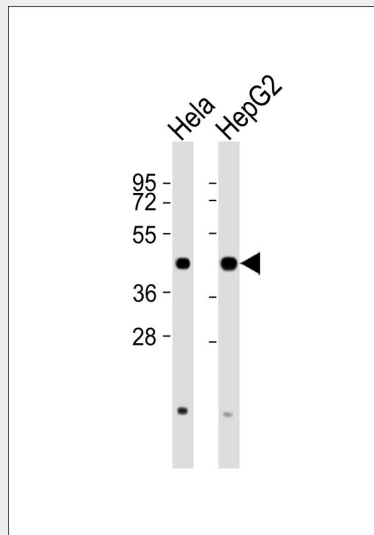
Ubiquitous.

PDHA1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PDHA1 Antibody - Images



All lanes : Anti-PDHA1 Antibody at 1:1000 dilution Lane 1: HeLa whole cell lysates Lane 2: HepG2 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 43 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

PDHA1 Antibody - Background

The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO₂, and thereby links the glycolytic pathway to the tricarboxylic cycle.

PDHA1 Antibody - References

- Koike K., et al. Gene 93:307-311(1990).
Ho L., et al. Proc. Natl. Acad. Sci. U.S.A. 86:5330-5334(1989).
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Dahl H.-H.M., et al. J. Biol. Chem. 262:7398-7403(1987).
Maragos C., et al. J. Biol. Chem. 264:12294-12298(1989).