

**PDHA1 Antibody**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5558**

**Specification**

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**PDHA1 Antibody - Product Information**

Application	WB,E
Primary Accession	<a href="#">P08559</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=43,44,40,47 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

**PDHA1 Antibody - Additional Information**

**Gene ID** 5160

**Antigen Region**  
1-390

**Other Names**

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

**Dilution**

WB~~1:1000

**Target/Specificity**

This PDHA1 Antibody is generated from rabbits immunized with recombinant protein of human PDHA1.

**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**

PDHA1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**PDHA1 Antibody - Protein Information**

**Name** PDHA1

**Synonyms** PHE1A

**Function**

The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA

and CO<sub>2</sub>), and thereby links the glycolytic pathway to the tricarboxylic cycle.

#### Cellular Location

Mitochondrion matrix.

#### Tissue Location

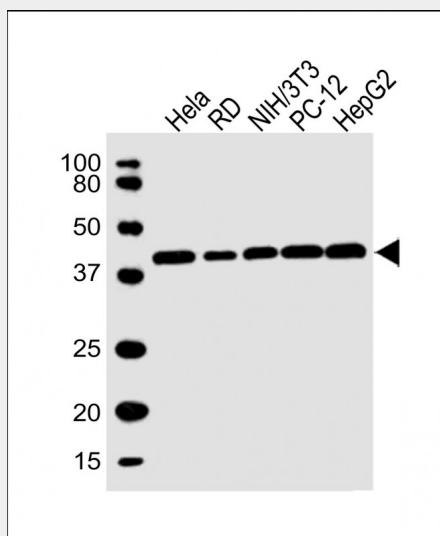
Ubiquitous.

### 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 lysate Lane 2: RD whole cell lysate Lane 3: NIH/3T3 whole cell lysate Lane 4: PC-12 whole cell lysate Lane 5: HepG2 whole cell lysate 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% NFDM/TBST.