

**Phospho-PDHA1 (S293) Antibody**  
**Rabbit mAb**  
**Catalog # AP92538****Specification**

---

**Phospho-PDHA1 (S293) Antibody - Product Information**

Application	WB, IHC, IP
Primary Accession	<a href="#">P08559</a>
Reactivity	Rat
Clonality	Monoclonal

**Other Names**

PDH; PDHA; PDHA1; PDHCE1A; PHE1A; Pyruvate Dehydrogenase (lipoamide) alpha 1; Pyruvate Dehydrogenase E1 alpha;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	43296 Da

**Phospho-PDHA1 (S293) Antibody - Additional Information**

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human Phospho-PDHA1 (S293)</b>
Description	<b>The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2). It contains multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3).</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

**Phospho-PDHA1 (S293) 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.

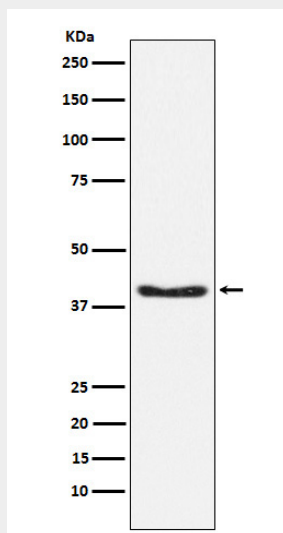
**Tissue Location**

Ubiquitous.

**Phospho-PDHA1 (S293) 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](#)

**Phospho-PDHA1 (S293) Antibody - Images**

Western blot analysis of Phospho-PDHA1 (S293) expression in 293T cell lysate.