

Pyruvate Dehydrogenase E1 beta subunit Antibody
Rabbit mAb
Catalog # AP91638**Specification**

Pyruvate Dehydrogenase E1 beta subunit Antibody - Product Information

Application	WB, IHC, FC, ICC, IP
Primary Accession	P11177
Reactivity	Rat
Clonality	Monoclonal

Other Names

pdhB; DHBD; PDHE1 B; PDHE1-B; PHE1B;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	39233 Da

Pyruvate Dehydrogenase E1 beta subunit Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Pyruvate Dehydrogenase E1 beta subunit
Description	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).
Storage Condition and Buffer	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.

Pyruvate Dehydrogenase E1 beta subunit Antibody - Protein Information**Name** PDHB**Synonyms** PHE1B**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.

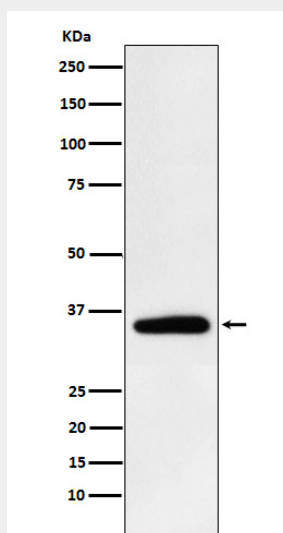
Cellular Location

Mitochondrion matrix.

Pyruvate Dehydrogenase E1 beta subunit 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](#)

Pyruvate Dehydrogenase E1 beta subunit Antibody - Images

Western blot analysis of Pyruvate Dehydrogenase E1 beta subunit expression in HeLa cell lysate.