

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

| | |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 CO₂, and thereby links the glycolytic pathway to the tricarboxylic cycle.

Cellular Location

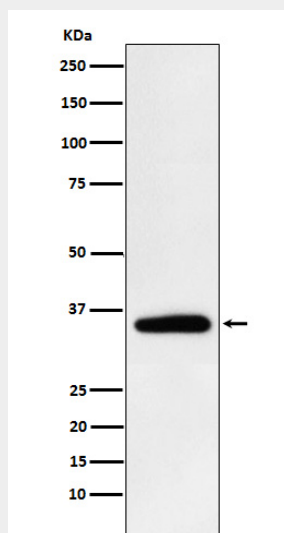
Mitochondrion matrix.

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.