

Pyruvate Dehydrogenase E2 Rabbit mAb
Catalog # AP76679**Specification**

Pyruvate Dehydrogenase E2 Rabbit mAb - Product Information

Application	WB, IP, ICC
Primary Accession	P10515
Reactivity	Human, Mouse, Rat, Hamster
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	68997

Pyruvate Dehydrogenase E2 Rabbit mAb - Additional Information**Gene ID** 1737**Other Names**

DLAT

Dilution

WB~~1/500-1/1000

IP~~1/20

ICC~~N/A

Format

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Pyruvate Dehydrogenase E2 Rabbit mAb - Protein Information**Name** DLAT ([HGNC:2896](#))**Synonyms** DLTA**Function**

The pyruvate dehydrogenase (PDH) complex, catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2), and thereby links cytoplasmic glycolysis and the mitochondrial tricarboxylic acid (TCA) cycle (Probable). It contains multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and dihydrolipoamide dehydrogenase (E3); (Probable). Within this complex, the catalytic function of this enzyme is to accept, and to transfer to coenzyme A, acetyl groups from acetyl- lipoyl moiety generated by the pyruvate dehydrogenase, leading to acetyl-CoA formation (Probable).

Cellular Location

Mitochondrion matrix {ECO:0000250|UniProtKB:P08461}

Pyruvate Dehydrogenase E2 Rabbit mAb - 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 E2 Rabbit mAb - Images



