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# Pyruvate Dehydrogenase E2 Rabbit mAb

Catalog # AP78256

## Product Information

| | |
|---|---|
| **Application** | WB, IF, FC, ICC, IP |
| **Primary Accession** | P10515 |
| **Reactivity** | Rat, Human, Mouse |
| **Host** | Rabbit |
| **Clonality** | Monoclonal Antibody |
| **Isotype** | IgG |
| **Conjugate** | Unconjugated |
| **Immunogen** | A synthesized peptide derived from human DLAT |
| **Purification** | Affinity Purified |
| **Calculated MW** | 68997 |

## Additional Information

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|---|---|
| **Gene ID** | 1737 |
| **Other Names** | DLAT |
| **Dilution** | WB~~1/500-1/1000 IF~~1:50~200 FC~~1:10~50 ICC~~N/A IP~~N/A |
| **Format** | Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| **Storage** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

## Protein Information

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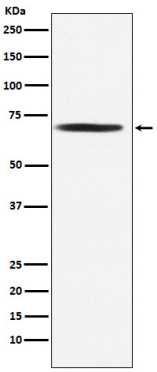
|---|---|
| **Name** | DLAT ( HGNC:2896) |
| **Synonyms** | DLTA |
| **Function** | The pyruvate dehydrogenase (PDH) complex, catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2), and thereby links cytoplasmic glycolysis and the mitochondrial tricarboxylic acid (TCA) cycle (Probable). 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} |

## Images

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