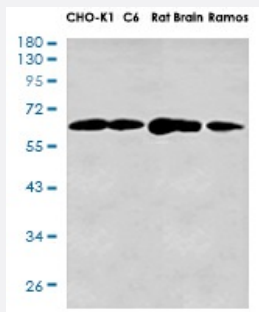


RecomAb™

DLAT recombinant monoclonal antibody, clone R01-6I2

Catalog # RAB01373 Size 100 uL

Applications



Western Blot

Western blot analysis of Pyruvate Dehydrogenase E2 in CHO-K1, C6, rat Brain, Ramos lysates using Pyruvate Dehydrogenase E2 antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human DLAT.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human DLAT.
Theoretical MW (kDa)	Calculated MW: 69 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.

Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Pyruvate Dehydrogenase E2 in CHO-K1, C6, rat Brain, Ramos lysates using Pyruvate Dehydrogenase E2 antibody.

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

Gene Info — DLAT

Entrez GeneID	1737
Protein Accession#	P10515
Gene Name	DLAT
Gene Alias	DLTA, PDC-E2, PDCE2
Gene Description	dihydrolipoamide S-acetyltransferase
Omim ID	608770
Gene Ontology	Hyperlink
Gene Summary	The DLAT gene encodes dihydrolipoamide acetyltransferase (EC 2.3.1.12), the E2 subunit of the mammalian pyruvate dehydrogenase complex (PDC; EC 1.2.4.1) of the inner mitochondrial membrane. Patients with primary biliary cirrhosis (PBC; MIM 109720) show autoantibodies to DLAT.[s supplied by OMIM
Other Designations	70 kDa mitochondrial autoantigen of primary biliary cirrhosis E2 component of pyruvate dehydrogenase complex M2 antigen complex 70 kDa subunit

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Citrate cycle \(TCA cycle\)](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)
- [Pyruvate metabolism](#)

Disease

- [Celiac Disease](#)
- [Chorioamnionitis](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)