

KD-Validated Anti-DLAT Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI2363**Specification****KD-Validated Anti-DLAT Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC, ICC
Primary Accession	P10515
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 69 kDa ; Observed, 71 kDa KDa
Gene Name	DLAT
Aliases	DLAT; Dihydrolipoamide S-Acetyltransferase; PDC-E2; DLTA; E2; Dihydrolipoyllysine-Residue Acetyltransferase Component Of Pyruvate; Dehydrogenase Complex, Mitochondrial; Dihydrolipoamide Acetyltransferase Component Of Pyruvate Dehydrogenase Complex; 70 KDa Mitochondrial Autoantigen Of Primary Biliary Cirrhosis; E2 Component Of Pyruvate Dehydrogenase Complex; Pyruvate Dehydrogenase Complex Component E2; M2 Antigen Complex 70 KDa Subunit; EC 2.3.1.12; PDCE2; PBC; Dihydrolipoyllysine-Residue Acetyltransferase; EC 2.3.1
Immunogen	A synthesized peptide derived from human DLAT

KD-Validated Anti-DLAT Rabbit Monoclonal Antibody - Additional InformationGene ID **1737****Other Names**

Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial, 2.3.1.12, 70 kDa mitochondrial autoantigen of primary biliary cirrhosis, PBC, Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex, M2 antigen complex 70 kDa subunit, Pyruvate dehydrogenase complex component E2, PDC-E2, PDCE2, DLAT (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=2896) target="_blank">HGNC:2896), DLTA

KD-Validated Anti-DLAT Rabbit Monoclonal Antibody - Protein InformationName DLAT ([HGNC:2896](#))

Synonyms DLTA

Function

As part of the pyruvate dehydrogenase complex, catalyzes the transfers of an acetyl group to a lipoic acid moiety (Probable). The pyruvate dehydrogenase 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).

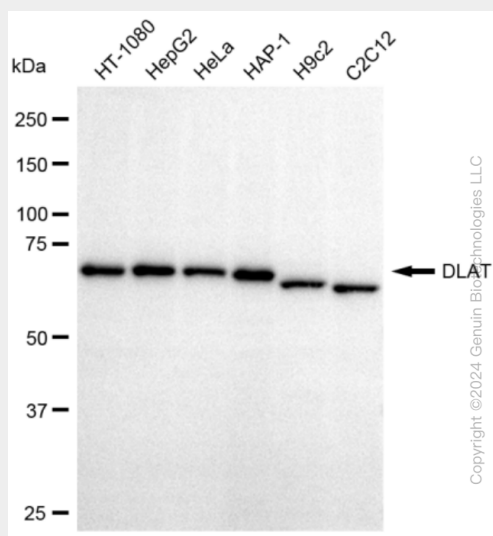
Cellular Location

Mitochondrion matrix {ECO:0000250|UniProtKB:P08461}

KD-Validated Anti-DLAT Rabbit Monoclonal 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](#)

KD-Validated Anti-DLAT Rabbit Monoclonal Antibody - Images

Western blotting analysis using anti-DLAT antibody (Cat#AGI2363). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DLAT antibody (Cat#AGI2363, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

