

DNAxPAb

Hard-to-Find
Antibody

DLAT DNAxPAb

Catalog # H00001737-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DLAT DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MWRVCARRAQNVAPWAGLEARWTALQEVPGTPTVTSRSGPAPARRNSVTTGYGGVRALCGWT PSSGATPRNRLLLQLLGSPGRRYSLPPHQKVPLPSLSPTMQAGTIARWEKKEGDKINEGDLIAEV ETDKATVGFESLEECYMAKILVAEGTRDVPIGAIICTVGKPEDIEAFKNYTLDSAAPTPQAAPAPT PAATASPPTPSAQAPGSSYPPHMQVLLPALSPTMTMGTVQRWEKKVGEKLSEGDLLAEIETDKA TIGFEVQEEGYLAKILVPEGTRDVLGTPLCIVEKEADISAFADYRPTVTDLKPQVPPPTPPPVA VPPTPQPLAPTPSAPCPATPAGPKGRVFSPLAKKLAVEKGIDLTQVKGTGPDGRITKKDIDSFV PSKVAPAPAAVVPPTGPGMAPVPTGVFTDIPISNIRRVIAQRLMQSKQTIPHYLSIDVNMGEVLLV RKELNKILEGRSKISVNDFIKASALACKVPEANSSWMDTVIRQNHVVDVSVAVSTPAGLITPVFN AHIKGVETIANDVVSATKAREGKLQPHFQGGTFTISNLGMFGIKNFSAIINPPQACILAIGASEDKL VPADNEKGFVDVASMMSVTLSCDHRVVDGAVGAQWLAEFRKYLEKPITMLL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — DLAT

Entrez GeneID [1737](#)

GeneBank Accession# [NM_001931.2](#)

Protein Accession# [NP_001922.2](#)

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 upplied 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](#)