

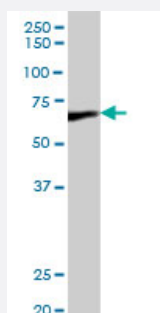
MaxPab®

DLAT purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001737-B01P

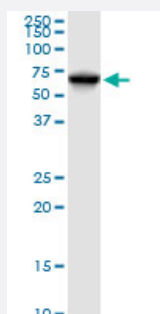
Size 50 ug

Applications



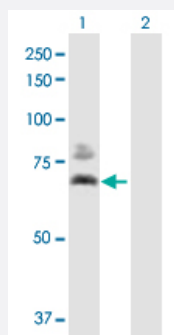
Western Blot (Tissue lysate)

DLAT MaxPab polyclonal antibody. Western Blot analysis of DLAT expression in rat brain.



Western Blot (Cell lysate)

DLAT MaxPab polyclonal antibody. Western Blot analysis of DLAT expression in HepG2.

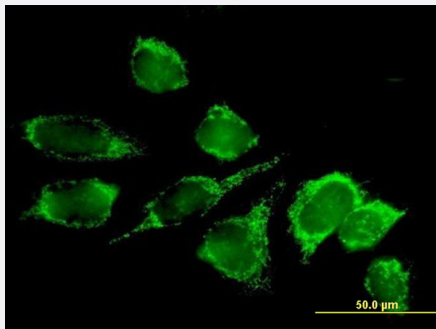


Western Blot (Transfected lysate)

Western Blot analysis of DLAT expression in transfected 293T cell line ([H00001737-T01](#)) by DLAT MaxPab polyclonal antibody.

Lane 1: DLAT transfected lysate(71.17 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DLAT on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human DLAT protein.
Immunogen	DLAT (NP_001922.2, 1 a.a. ~ 647 a.a) full-length human protein.
Sequence	MWRVCARRAQNVAPWAGLEARWTALQEVPGTPRVTSRSGPAPARRNSVTTGYGGVRALCGWT PSSGATPRNRLLLQLLGSPGRRYSLPPHQKVPLPSLSPTMQAGTIARWEKKEGDKINEGDLIAEV ETDKATVGFESLEECYMAKILVAEGTRDVPIGAIIICITVGKPEDIEAFKNYTLDSSAAPTQAAPAPT PAATASPPTPSAQAPGSSYPHMQVLLPALSPMTMTMGTVQRWEKKVGEKLSEGDLLAEIETDKA TIGFEVQEEGYLAKILVPEGTRDVPLGTPLCIVEKEADISAFADYRPTTEVTDLKPQVPPPTPPPVAA VPPTPQPLAPTPSAPCPATPAGPKGRVFSPLAKKLAVEKGIDLTQVKGTGPDGRITKKDIDSFV PSKVAPAPAAVVPPTGPGMAPVPTGVFTDIPISNIRRVIAQRLMQSKQTIPHYLSIDVNMGEVLLV RKELNKILEGRSKISVNDFIKASALACKVPEANSSWMDTVIRQNHVVDVSVAVSTPAGLITPVFN AHIKGVETIANDVVS LATKAREGKLQPHEFQGGTFTISNLGMFGIKNFSAIINPPQACILAIGASEDKL VPADNEKGFDVASMMSVTLSCDHRVVDGAVGAQWLAEFRKYLEKPITMLL
Host	Mouse
Reactivity	Human, Rat
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 (Tissue lysate)

DLAT MaxPab polyclonal antibody. Western Blot analysis of DLAT expression in rat brain.

[Protocol Download](#)

- Western Blot (Cell lysate)

DLAT MaxPab polyclonal antibody. Western Blot analysis of DLAT expression in HepG2.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of DLAT expression in transfected 293T cell line ([H00001737-T01](#)) by DLAT MaxPab polyclonal antibody.

Lane 1: DLAT transfected lysate(71.17 KDa).

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DLAT on HeLa cell. [antibody concentration 10 ug/ml]

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 applied 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](#)