

DNAXPAb

Hard-to-Find
Antibody

LIPT1 DNAXPab

Catalog # H00051601-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human LIPT1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MLIPFSMKNCFQLLCNCQVPAAGFKKTVKNGILQSSISNDVYQNLAVEDWIHDHNMNLEGKPIFFW QNSPSVVIGRHQNPWQECNLNLMREEGIKLARRRSGGGTVYHDMGNINLTFFTTKKKYDRMENLK LVRALNAVQPQLDVQATKRFDLLLDGQFKISGTASKIGRTTAYHHCTLLCSTDGTFLLSLLKSPYQ GIRSNATASIPSLVKNLLEKDPTLTCEVLMNAVATEYAAYHQIDNHIHLINPTDETLFPGINSKAKELQ TWEWIYGKTPKFSINTSFHVLVEQSHLEIKVFIDIKNGRIEICNIEAPDHWLPLEIRDKLNSSLIGSKFC PTETTMLTNILLRTCPQDHKLNSKWNILCEKIKGIM
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 — LIPT1

Entrez GeneID [51601](#)

GeneBank Accession# [NM_015929.2](#)

Protein Accession# [NP_057013.1](#)

Gene Name LIPT1

Gene Alias MGC12290, MGC13378

Gene Description lipoyltransferase 1

Omim ID [610284](#)

Gene Ontology [Hyperlink](#)

Gene Summary The process of transferring lipoic acid to proteins is a two-step process. The first step is the activation of lipoic acid by lipoate-activating enzyme to form lipoyl-AMP. For the second step, the protein encoded by this gene transfers the lipoyl moiety to apoproteins. Alternative splicing in the 5' UTR of this gene results in five transcript variants that encode the same protein. [provided by RefSeq]

Other Designations lipoate biosynthesis protein||lipoate-protein ligase||lipoyl ligase

Pathway

- [Lipoic acid metabolism](#)
- [Metabolic pathways](#)