

LIPT2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18194a

Specification

LIPT2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	A6NK58
Other Accession	NP_001138341.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	25195
Antigen Region	13-43

LIPT2 Antibody (N-term) - Additional Information

Gene ID 387787

Other Names

Putative lipoyltransferase 2, mitochondrial, Lipoate-protein ligase B, Lipoyl/octanoyl transferase, Octanoyl-[acyl-carrier-protein]-protein N-octanoyltransferase, LIPT2

Target/Specificity

This LIPT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-43 amino acids from the N-terminal region of human LIPT2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

LIPT2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

LIPT2 Antibody (N-term) - Protein Information

Name LIPT2 ([HGNC:37216](#))

Function Catalyzes the transfer of endogenously produced octanoic acid from octanoyl-acyl-carrier-protein (octanoyl-ACP) onto the lipoyl domains of lipoate-dependent enzymes such as the protein H of the glycine cleavage system (GCSH) (PubMed:[28757203](#)). Lipoyl-ACP can also act as a substrate although octanoyl-ACP is likely to be the physiological substrate (By similarity).

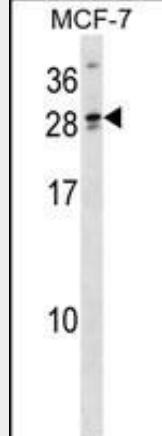
Cellular Location

Mitochondrion

LIPT2 Antibody (N-term) - 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](#)

LIPT2 Antibody (N-term) - Images

LIPT2 Antibody (N-term) (Cat. #AP18194a) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the LIPT2 antibody detected the LIPT2 protein (arrow).

LIPT2 Antibody (N-term) - Background

LIPT2 catalyzes the transfer of endogenously produced octanoic acid from octanoyl-acyl-carrier-protein onto the lipoyl domains of lipoate-dependent enzymes. Lipoyl-ACP can also act as a substrate although octanoyl-ACP is likely to be the physiological substrate (By similarity).

LIPT2 Antibody (N-term) - References

Venter, J.C., et al. Science 291(5507):1304-1351(2001)