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LIPT2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18194a

Product Information

Application	WB, E
Primary Accession	A6NK58
Other Accession	NP_001138341.1
Reactivity	Human
Predicted	Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB29265
Calculated MW	25195
Antigen Region	13-43

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.

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

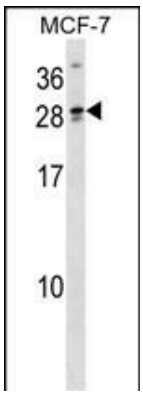
Background

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).

References

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

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.