



LIPT2 mouse mAb

Catalog No	YP-mAb-11368
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LIPT2
Immunogen	Synthesized peptide derived from human LIPT2 AA range: 8-58
Specificity	This antibody detects endogenous levels of LIPT2 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	LIPT2
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Mitochondrion .
Tissue Specificity	
Function	catalytic activity:Octanoyl-[acyl-carrier-protein] + protein = protein N(6)-(octanoyl) lysine + [acyl-carrier-protein].,function: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., miscellaneous:In the reaction, the free carboxyl group of octanoic acid is attached via an amide linkage to the epsilon-amino group of a specific lysine residue of lipoyl domains of lipoate-dependent enzymes.,pathway:Protein modification; protein lipoylation via endogenous pathway; protein N(6)-(lipoyl) lysine from octanoyl-[acyl-carrier-protein]: step 1/2.,similarity:Belongs to the lipB family.,



Background

This gene encodes a mitochondrial protein that catalyzes the transfer of octanoic acid to lipoate-dependent enzymes such as octanoyl-ACP. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2016],

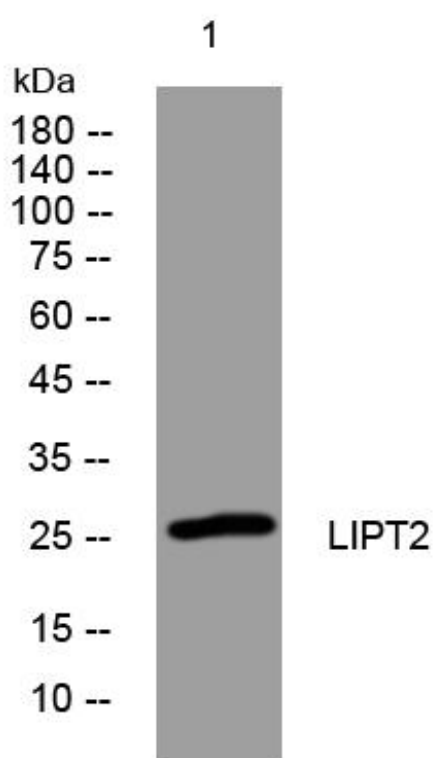
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using LIPT2 mouse mAb