

Datasheet for ABIN2463217

anti-LIPT1 antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	LIPT1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIPT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human LIPT1.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	LIPT1
Alternative Name:	LIPT1 (LIPT1 Products)
Background:	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, LIPT1 transfers the lipoyl moiety to apoproteins. 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

Target Details

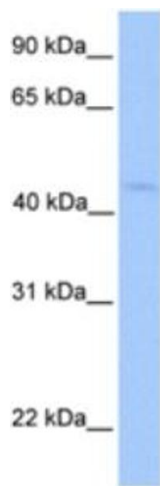
	lipoyl moiety to apoproteins. Alternative splicing in the 5' UTR of this gene results in five transcript variants that encode the same protein.
Molecular Weight:	42 kDa
Gene ID:	51601
NCBI Accession:	NP_057013
UniProt:	Q9Y234

Application Details

Application Notes:	LIPT1 antibody can be used for detection of LIPT1 by ELISA at 1:312500. LIPT1 antibody can be used for detection of LIPT1 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store LIPT1 antibody at -20 °C.



Western Blotting

Image 1.