

Datasheet for ABIN2783503
anti-LIPT1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	LIPT1
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Horse, Mouse, Rat, Cow, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIPT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LIPT1
Sequence:	NCFQLLCNCQ VPAAGFKKTV KNGILQSSIS NDVYQNLAVE DWIHDHNMNLE
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 92%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against LIPT1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	LIPT1
---------	-------

Target Details

Alternative Name:	LIPT1 (LIPT1 Products)
Background:	<p>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 lipoyl moiety to apoproteins. Alternative splicing in the 5' UTR of this gene results in five transcript variants that encode the same protein.</p> <p>Alias Symbols: MGC12290, MGC13378</p> <p>Protein Interaction Partner: APP, UBC, TPI1,</p> <p>Protein Size: 373</p>
Molecular Weight:	42 kDa
Gene ID:	51601
NCBI Accession:	NM_015929 , NP_057013
UniProt:	Q9Y234

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 373 AA
Restrictions:	For Research Use only

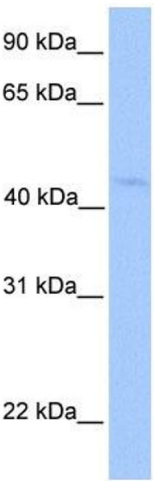
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-LIPT1 Antibody Titration: 0.2-1 ug/ml Positive Control: Hela cell lysate