

CPT1A Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08327
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human CPT1A
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	CPT1A
Synonyms	CPT1A; Carnitine O-palmitoyltransferase I; liver isoform; CPT1-L; EC 2.3.1.21; Carnitine O-palmitoyltransferase I; liver isoform; CPT I; CPTI-L; Carnitine palmitoyltransferase 1A)

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

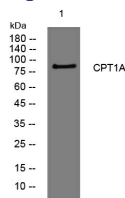
The mitochondrial oxidation of long-chain fatty acids is initiated by the sequential action of carnitine palmitoyltransferase I (which is located in the outer membrane and is detergent-labile) and carnitine palmitoyltransferase II (which is located in the inner membrane and is detergent-stable) together with a carnitine-acylcarnitine translocase. CPT I is the key enzyme in the carnitine-dependent transport across the mitochondrial inner membrane and its deficiency results in a decreased rate of fatty acid beta-oxidation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year