

Datasheet for ABIN7146834
anti-CPT1A antibody (AA 301-600) (Biotin)



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Overview

Quantity:	100 µg
Target:	CPT1A
Binding Specificity:	AA 301-600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPT1A antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Carnitine O-palmitoyltransferase 1, liver isoform protein (301-600AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CPT1A
Alternative Name:	CPT1A (CPT1A Products)
Background:	Background: Catalyzes the transfer of the acyl group of long-chain fatty acid-CoA conjugates onto carnitine, an essential step for the mitochondrial uptake of long-chain fatty acids and their

Target Details

subsequent beta-oxidation in the mitochondrion. Plays an important role in triglyceride metabolism.

Aliases: Carnitine O palmitoyltransferase 1 liver isoform antibody, Carnitine O palmitoyltransferase I antibody, Carnitine O palmitoyltransferase I liver isoform antibody, Carnitine O-palmitoyltransferase 1 antibody, Carnitine O-palmitoyltransferase I antibody, Carnitine palmitoyltransferase 1A (liver) antibody, Carnitine palmitoyltransferase 1A antibody, Carnitine palmitoyltransferase I antibody, Carnitine palmitoyltransferase I liver antibody, CPT 1 antibody, CPT I antibody, CPT1 antibody, CPT1 L antibody, CPT1-L antibody, Cpt1a antibody, CPT1A_HUMAN antibody, CPTI antibody, CPTI-L antibody, L CPT1 antibody, liver isoform antibody

UniProt: [P50416](#)

Pathways: [AMPK Signaling](#), [Regulation of Lipid Metabolism by PPARalpha](#), [Feeding Behaviour](#), [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.