

Datasheet for ABIN308438
anti-CPT1A antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	CPT1A
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CPT1A antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Cpt1a (mouse)
Immunogen:	Peptide with sequence C-PETDSHRFGKHLRQ, from the C Terminus of the protein sequence according to NP_038523.2.
Sequence:	PETDSHRFGK HLRQ
Isotype:	IgG
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	CPT1A
Alternative Name:	Cpt1a (CPT1A Products)
Background:	Cpt1a, carnitine palmitoyltransferase 1A, liver, CPT1, CPT1-L, L-CPT1, C730027G07, carnitine palmitoyltransferase 1A, carnitine palmitoyltransferase 1, liver
Gene ID:	12894, 25757
NCBI Accession:	NP_038523
Pathways:	AMPK Signaling , Regulation of Lipid Metabolism by PPARalpha , Feeding Behaviour , Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Western Blot: Preliminary experiments gave next to a 90 kDa band additional bands at approx. 37 kDa and 25 kDa in Mouse and Rat Liver lysates after 0.3 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for t Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.