

Rabbit CPT1B Polyclonal Antibody | anti-CPT1B antibody

CPT1B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324577	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CPT1B; Polyclonal Antibody; CPT1B Antibody; muscle isoform; Carnitine O palmitoyltransferase 1B; Carnitine O palmitoyltransferase I mitochondrial muscle isoform; Carnitine O palmitoyltransferase I muscle isoform; Carnitine O-palmitoyltransferase 1; Carnitine O-palmitoyltransferase I; Carnitine palmitoyltransferase 1A (muscle); Carnitine palmitoyltransferase 1B (muscle); Carnitine palmitoyltransferase 1B; Carnitine palmitoyltransferase I like protein; Carnitine palmitoyltransferase I muscle; Carnitine palmitoyltransferase I-like protein; CPT 1B; CPT I; CPT1 M; CPT1 muscle; CPT1-M; Cpt1b; CPT1B_HUMAN; CPT1M; CPTI; CPTI M; CPTI muscle; CPTI-M; CPTIM; FLJ55729; FLJ58750; KIAA1670; M CPT1; M-CPT1; MCCPT1; MCPT1; anti-CPT1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CPT1B antibody detects endogenous levels of total CPT1B
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	738
Applicable Applications for anti-CPT1B antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CPT1B, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from 293, using CPT1B Antibody.



IHC (Immunohistochemistry)

AAA324577 at 1/100 staining Rat skin tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IF (Immunofluorescence)

AAA324577 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CPT1B antibody	Function: This protein is produced by a bicistronic gene which also produces the CHKB protein from a non-overlapping reading frame. Similarity: Belongs to the carnitine/choline acetyltransferase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223468670
NCBI GeneID	1375
NCBI Accession #	NP_001138606.1
NCBI GenBank Nucleotide #	NM_001145134.1
UniProt Accession #	Q92523; Q13389; Q99655; Q9BY90; B7Z4U4; B7Z5T8; E9PCP2
Molecular Weight	88 kD
NCBI Official Full Name	carnitine O-palmitoyltransferase 1, muscle isoform isoform c
NCBI Official Synonym Full Names	carnitine palmitoyltransferase 1B
NCBI Official Symbol	CPT1B
NCBI Official Synonym Symbols	CPTI; CPT1M; MCPT1; CPT1-M; CPTI-M; M-CPT1; MCCPT1
NCBI Protein Information	carnitine O-palmitoyltransferase 1, muscle isoform
UniProt Protein Name	Carnitine O-palmitoyltransferase 1, muscle isoform
UniProt Gene Name	CPT1B
UniProt Synonym Gene Names	KIAA1670; CPT1-M; CPT I; CPTI-M

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cpt1b-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324577>