

Rabbit CPT1B Polyclonal Antibody | anti-CPT1B antibody

CPT1B Polyclonal Antibody

CATALOG # AAA311424	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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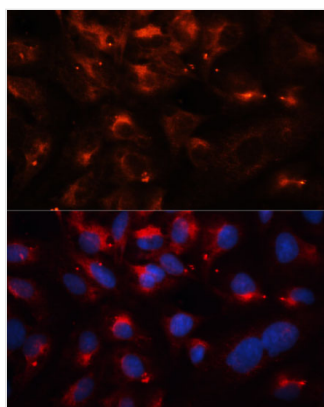
PRODUCT SYNONYMS

CPT1B; Polyclonal Antibody; CPT1B Polyclonal Antibody; CPT1-M; CPT1M; CPTI; CPTI-M; M-CPT1; MCCPT1; MCPT1; carnitine palmitoyltransferase 1B; anti-CPT1B antibody

PRODUCT SPECIFICATIONS

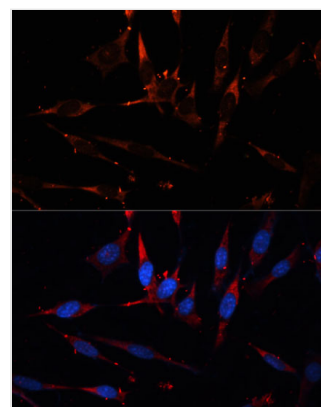
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-CPT1B antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human CPT1B (NP_004368.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



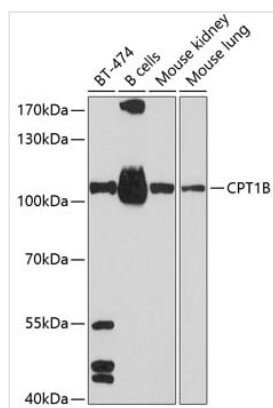
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using CPT1B antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using CPT1B antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CPT1B antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CPT1B antibody

The protein encoded by this gene, a member of the carnitine/choline acetyltransferase family, is the rate-controlling enzyme of the long-chain fatty acid beta-oxidation pathway in muscle mitochondria. This enzyme is required for the net transport of long-chain fatty acyl-CoAs from the cytoplasm into the mitochondria. Multiple transcript variants encoding different isoforms have been found for this gene, and read-through transcripts are expressed from the upstream locus that include exons from this gene.

Product Categories/Family for anti-CPT1B antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758050
NCBI GeneID	1375
NCBI Accession #	NP_004368.1
NCBI GenBank Nucleotide #	NM_004377.3
UniProt Accession #	Q92523; Q13389; Q99655; Q9BY90; B7Z4U4; B7Z5T8; E9PCP2
Molecular Weight	78,844 Da
NCBI Official Full Name	carnitine O-palmitoyltransferase 1, muscle isoform isoform a
NCBI Official Synonym Full Names	carnitine palmitoyltransferase 1B (muscle)
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; carnitine palmitoyltransferase I-like protein; carnitine O-palmitoyltransferase I, mitochondrial 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
UniProt Entry Name	CPT1B_HUMAN

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.