

Rabbit CPT1C Polyclonal Antibody | anti-CPT1C antibody

CPT1C Polyclonal Antibody

CATALOG # AAA175723	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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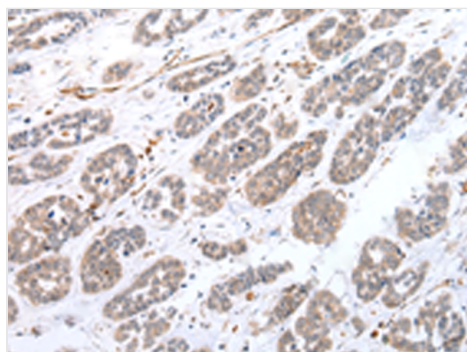
PRODUCT SYNONYMS

CPT1C; Polyclonal Antibody; CPT1C Polyclonal Antibody; brain isoform; Carnitine acyltransferase like protein 1; Carnitine acyltransferase like protein1; Carnitine O palmitoyltransferase 1 brain isoform; Carnitine O palmitoyltransferase I; Brain isoform; Carnitine O-palmitoyltransferase 1; Carnitine O-palmitoyltransferase I; Carnitine palmitoyltransferase 1; Brain; Carnitine palmitoyltransferase 1C; Carnitine palmitoyltransferase I related C; Carnitine palmitoyltransferase1C; CAT L1; CATL 1; CATL1; CPT 1 like pseudogene; Cpt 1c; CPT 1P; CPT I C; CPT IC; Cpt1 c; CPT1 like pseudogene; CPT1-B; Cpt1c; CPT1P; CPTI-B; CPTIC; anti-CPT1C antibody

PRODUCT SPECIFICATIONS

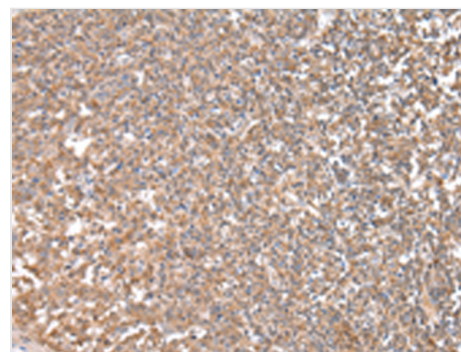
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.7mg/mL (varies by lot)
Sequence Length	803
Applicable Applications for anti-CPT1C antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human CPT1C
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using CPT1C Polyclonal Antibody at dilution of 1:30(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using CPT1C Polyclonal Antibody at dilution of 1:30(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-CPT1C antibody	CPT1C,also named as CATL1,CPTI-B and B-CPTI,belongs to the carnitine/choline acetyltransferase family. Carnitine palmitoyltransferase (CPT) deficiencies are common disorders of mitochondrial fatty acid oxidation. The CPT system is made up of two separate proteins located in the outer (CPT1) and inner (CPT2) mitochondrial membranes. CPT1C is an active forms of related brain-type carnitine palmitoyltransferase I. CPT1C may be a regulated target of malonyl-CoA that relays the "malonyl-CoA signal" in hypothalamic neurons that express the orexigenic and anorexigenic neuropeptides that regulate food intake and peripheral energy expenditure. This antibody can bind the close sequences genes.
Product Categories/Family for anti-CPT1C antibody	Cancer; Cardiovascular; Metabolism; Neuroscience; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	22748777
NCBI GeneID	126129
NCBI Accession #	NP_689572.1
NCBI GenBank Nucleotide #	NP_689572.1
UniProt Accession #	Q8TCG5
NCBI Official Full Name	carnitine O-palmitoyltransferase 1, brain isoform isoform 2
NCBI Official Synonym Full Names	carnitine palmitoyltransferase 1C
NCBI Official Symbol	CPT1C
NCBI Official Synonym Symbols	CATL1; CPT1P; CPTIC; SPG73; CPT1-B; CPTI-B
NCBI Protein Information	carnitine O-palmitoyltransferase 1, brain isoform
UniProt Protein Name	Carnitine O-palmitoyltransferase 1, brain isoform
UniProt Gene Name	CPT1C
UniProt Synonym Gene Names	CATL1; CPT1-B; CPTI-B
UniProt Entry Name	CPT1C_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cpt1c-antibody-immunohistochemistry-elisa/175723>