

Rabbit CPT1A Polyclonal Antibody | anti-CPT1A antibody

CPT1A Polyclonal Antibody

CATALOG # AAA170558	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
-------------------------------	-----------------------	--	--

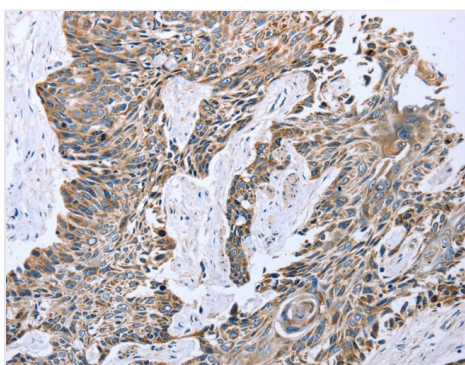
PRODUCT SYNONYMS

CPT1A; Polyclonal Antibody; CPT1A Polyclonal Antibody; CPT1; CPT1-L; L-CPT1; anti-CPT1A antibody

PRODUCT SPECIFICATIONS

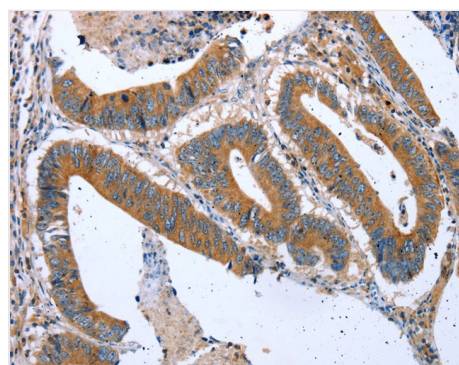
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.7mg/mL (varies by lot)
Sequence Length	773
Applicable Applications for anti-CPT1A antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human CPT1A
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using CPT1A Polyclonal Antibody at dilution 1:20



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using CPT1A Polyclonal Antibody at dilution 1:20

ADDITIONAL INFORMATION

Related Product Information for anti-CPT1A antibody	The mitochondrial oxidation of long-chain fatty acids is initiated by the sequential action of carnitine palmitoyltransferase I (which is located in the outer membrane and is detergent-labile) and carnitine palmitoyltransferase II (which is located in the inner membrane and is detergent-stable), together with a carnitine-acylcarnitine translocase. CPT I is the key enzyme in the carnitine-dependent transport across the mitochondrial inner membrane and its deficiency results in a decreased rate of fatty acid beta-oxidation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-CPT1A antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	73623030
NCBI GeneID	1374
NCBI Accession #	NP_001867.2
NCBI GenBank Nucleotide #	NM_001876.3
Molecular Weight	86,239 Da
NCBI Official Full Name	carnitine O-palmitoyltransferase 1, liver isoform isoform 1
NCBI Official Synonym Full Names	carnitine palmitoyltransferase 1A (liver)
NCBI Official Symbol	CPT1A
NCBI Official Synonym Symbols	CPT1; CPT1-L; L-CPT1
NCBI Protein Information	carnitine O-palmitoyltransferase 1, liver isoform; CPT I; CPTI-L; carnitine O-palmitoyltransferase I, liver isoform; carnitine palmitoyltransferase I, liver
UniProt Protein Name	Carnitine O-palmitoyltransferase 1, liver isoform
UniProt Gene Name	CPT1A
UniProt Synonym Gene Names	CPT1; CPT1-L; CPT I; CPTI-L
UniProt Entry Name	CPT1A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cpt1a-antibody-immunohistochemistry-elisa/170558>