

Goat CPT1A Polyclonal Antibody | anti-CPT1A antibody

Goat anti-CPT1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61047	Goat	Tested: Human; Expected from sequence similarity: Human	Immunohistochemistry, Western Blot, ELISA

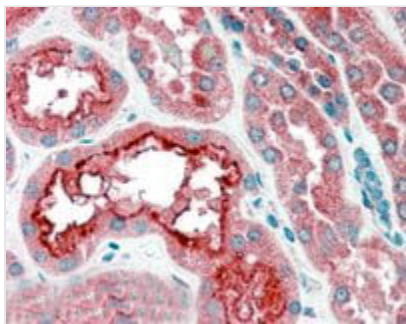
PRODUCT SYNONYMS

CPT1A; Polyclonal Antibody; Goat anti-CPT1A Antibody; carnitine palmitoyltransferase 1A (liver); CPT1; CPT1-L; L-CPT1; carnitine palmitoyltransferase 1A; carnitine palmitoyltransferase I; liver; CPT1A antibody; carnitine palmitoyltransferase 1A (liver) antibody; CPT1 antibody; CPT1-L antibody; L-CPT1 antibody; carnitine palmitoyltransferase 1A antibody; carnitine palmitoyltransferase I antibody; liver antibody; anti-CPT1A antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	DPAQTVEQRL KLFK
Sequence Length	773
Applicable Applications for anti-CPT1A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-DPAQTVEQRLKLFK, from the internal region of the protein sequence according to NP_001867.2; NP_001027017.1.
Epitope	Internal region
Note	This antibody is expected to recognize both reported isoforms (NP_001867.2; NP_001027017.1) but is not expected to recognise CPT1B.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohiostchemistry)
4ug/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)
0.1ug/ml) staining of human liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	73623030
NCBI GeneID	1374
NCBI Accession #	NP_001867.2; NP_001027017.1
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
NCBI Official Symbol	CPT1A
NCBI Official Synonym Symbols	CPT1; CPT1-L; L-CPT1
NCBI Protein Information	carnitine O-palmitoyltransferase 1, liver isoform
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.