

Goat CPT1 / CPT1A Polyclonal Antibody | anti-CPT1 antibody

Goat Polyclonal to Human CPT1 / CPT1A

CATALOG # AAA50955	HOST Goat	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

CPT1 / CPT1A; Polyclonal Antibody; Goat Polyclonal to Human CPT1 / CPT1A; Anti-CPT1 / CPT1A Antibody (Internal) IHC-plus; CPT1A; CPT1; CPT1-L; CPT I; CPTI-L; L-CPT1; Human CPT1; anti-CPT1 antibody

PRODUCT SPECIFICATIONS

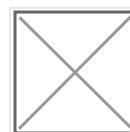
Host	Goat
Clonality	Polyclonal
Specificity	Human CPT1A. This antibody is expected to recognize both reported isoforms (NP_001867.2; NP_001027017.1) but is not expected to recognise CPT1B.
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	TBS, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	773
Applicable Applications for anti-CPT1 antibody	ELISA (Peptide ELISA), WB (Western Blot), IHC (Immunohistochemistry)
Target	CPT1A
Immunogen	CPT1A antibody was raised against peptide with C-DPAQTVEQRLKLFK, from the internal region of the protein sequence according to (NP_001867.2NP_001027017.1).
Immunogen Species	CPT1A antibody was raised against human
Epitope	aa621-634
Preparation and Storage	Aliquot and store at -20°C. Avoid freeze-thaw.

IMAGES



IHC (Immunohistochemistry)

Anti-CPT1A antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 4 ug/ml.



IHC (Immunohistochemistry)

Anti-CPT1A antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 4 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CPT1 antibody	Immunohistochemistry: MBS22457 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for MBS22457 was determined to be 4 ug/ml.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73623030
NCBI GeneID	1374
NCBI Accession #	NP_001867.2
NCBI GenBank Nucleotide #	NM_001876.3
UniProt Accession #	P50416; Q8TCU0; Q9BWK0
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 palmitoyltransferase I, liver; carnitine O-palmitoyltransferase I, 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cpt1-cpt1a-antibody-peptide-elisa-western-blot-immunohistochemistry-elisa/50955>