

Rabbit CPT2 Polyclonal Antibody | anti-CPT2 antibody

Rabbit anti-CPT2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222881	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

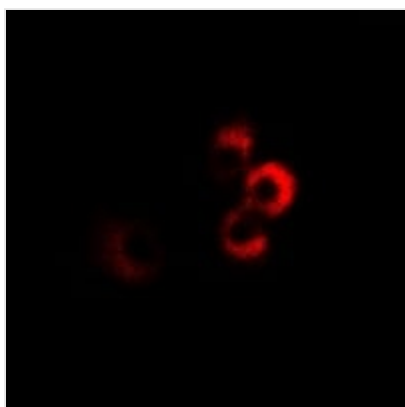
PRODUCT SYNONYMS

CPT2; Polyclonal Antibody; Rabbit anti-CPT2 Antibody; CPT1; Carnitine O-palmitoyltransferase 2; mitochondrial; Carnitine palmitoyltransferase II; CPT II; anti-CPT2 antibody

PRODUCT SPECIFICATIONS

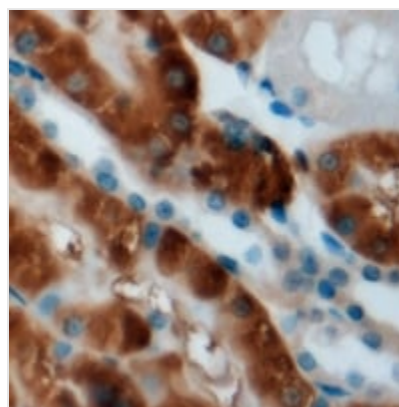
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CPT2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide of human CPT2
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



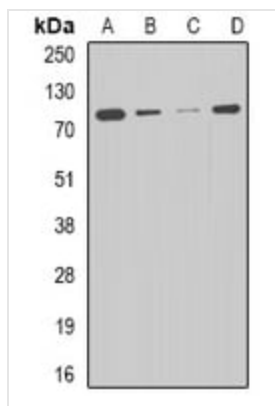
IF (Immunofluorescence)

Immunofluorescent analysis of CPT2 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of CPT2 staining in mouse kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of CPT2 expression in HepG2 (A), THP1 (B), mouse liver (C), mouse heart (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CPT2 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	416836
NCBI GeneID	1376
UniProt Accession #	P23786; P52825; P18886
Molecular Weight	658
NCBI Official Full Name	Carnitine O-palmitoyltransferase 2, mitochondrial
NCBI Official Synonym Full Names	carnitine palmitoyltransferase 2
NCBI Official Symbol	CPT2
NCBI Official Synonym Symbols	CPT1; IIAE4; CPTASE
NCBI Protein Information	carnitine O-palmitoyltransferase 2, mitochondrial; CPT II; carnitine palmitoyltransferase II
UniProt Protein Name	Carnitine O-palmitoyltransferase 2, mitochondrial
UniProt Gene Name	CPT2
UniProt Synonym Gene Names	CPT1; CPT II
UniProt Entry Name	CPT2_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/cpt2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/222881>