

Rabbit CPT2 Polyclonal Antibody | anti-CPT2 antibody

CPT2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303885	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

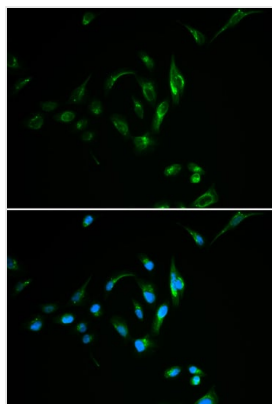
PRODUCT SYNONYMS

CPT2; Polyclonal Antibody; CPT2 antibody; CPT1; IIAE4; CPTASE; anti-CPT2 antibody

PRODUCT SPECIFICATIONS

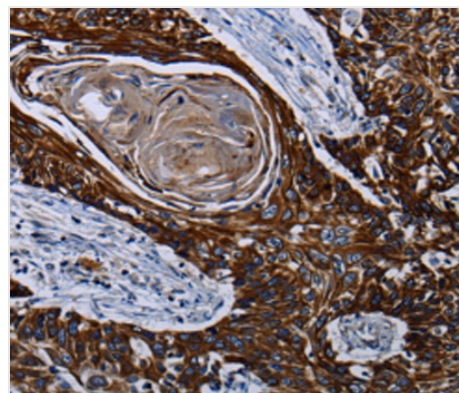
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CPT2 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	658
Applicable Applications for anti-CPT2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human CPT2.
Target Name	CPT2
Preparation and Storage	Store at -20 degree C

IMAGES



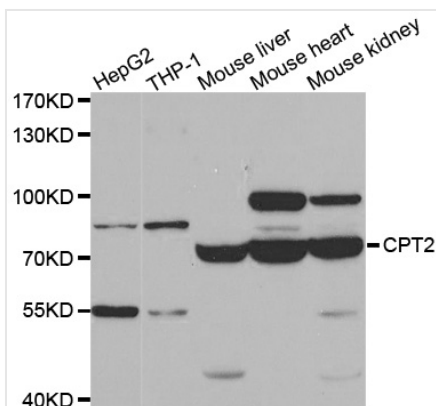
IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cell using CPT2 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human esophagus cancer tissue using CPT2 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CPT2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CPT2 antibody	The protein encoded by this gene is a nuclear protein which is transported to the mitochondrial inner membrane. Together with carnitine palmitoyltransferase I, the encoded protein oxidizes long-chain fatty acids in the mitochondria. Defects in this gene are associated with mitochondrial long-chain fatty-acid (LCFA) oxidation disorders.
Product Categories/Family for anti-CPT2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503023
NCBI GeneID	1376
NCBI Accession #	NP_000089.1
NCBI GenBank Nucleotide #	NM_000098.2
UniProt Accession #	P23786; Q5SW68; Q9BQ26; B2R6S0
Molecular Weight	73,777 Da
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
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://www.aaabiotech.com/polyclonal/cpt2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/303885>