

Rabbit CPT2 Polyclonal Antibody | anti-CPT2 antibody

CPT2 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199921	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

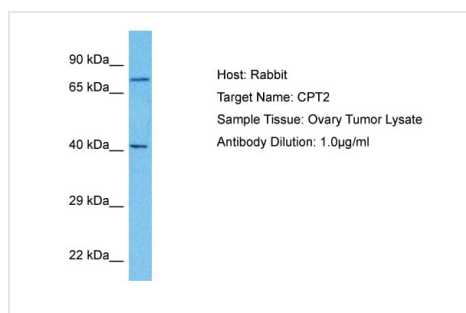
PRODUCT SYNONYMS

CPT2; Polyclonal Antibody; CPT2 Antibody - N-terminal region; anti-CPT2 antibody

PRODUCT SPECIFICATIONS

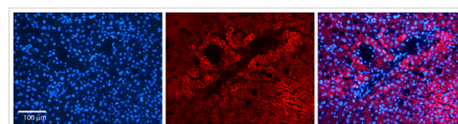
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: FN PFMAFNPD PK SEYNDQLTRA TNMTVSAIRF LKTLRAGLLE PEVFHLNP
Sequence Length	658
Applicable Applications for anti-CPT2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human CPT2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



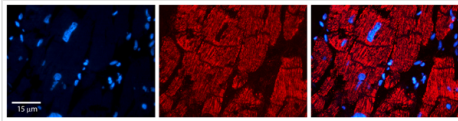
WB (Western Blot)

Host: Rabbit Target Name: CPT2 Sample Type: Ovary Tumor Lysates Antibody Dilution: 1.0 µg/ml



IHC (Immunohistochemistry)

Rabbit Anti-CPT2 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm in hepatocytes Primary Antibody Concentration: N/A Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)
 Rabbit Anti-CPT2 Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human heart
 Tissue
 Observed Staining: Cytoplasmic in mitochondria
 Primary Antibody Concentration: 1:100
 Other Working Concentrations: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-CPT2 antibody	This is a rabbit polyclonal antibody against CPT2. It was validated on Western Blot Target Description: 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	Polyclonal; Membrane & Traffic; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503023
NCBI GeneID	1376
NCBI Accession #	NP_000089
NCBI GenBank Nucleotide #	NM_000098.3
UniProt Accession #	P23786
Molecular Weight	74kDa
NCBI Official Full Name	carnitine O-palmitoyltransferase 2, mitochondrial isoform 1
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://stage.aaabiotech.com/polyclonal/cpt2-antibody-immunohistochemistry-western-blot-elisa/199921>