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Research Use Only. Not for diagnostic or therapeutic use.

EB08926 - Goat Anti-CPT1C Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CPT1C, carnitine palmitoyltransferase 1C, CATL1, CPT1P, CPTIC, FLJ23809, CPT1-like pseudogene, carnitine acyltransferase-like protein 1, carnitine

palmitoyltransferase I related C

Official Symbol: CPT1C

Accession Number(s): NP_689572.1; NP_001129524.1

Human GeneID(s): 126129

Important Comments: This antibody is expected to recognise both reported isoforms (NP_689572.1; NP_001129524.1). Reported variants represent identical protein

(NP_001186681.1; NP_001186682.1; NP_689572.1).

Immunogen

Peptide with sequence C-KSSTKTDSHRLGQH, from the internal region of the protein sequence according to NP_689572.1; NP_001129524.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

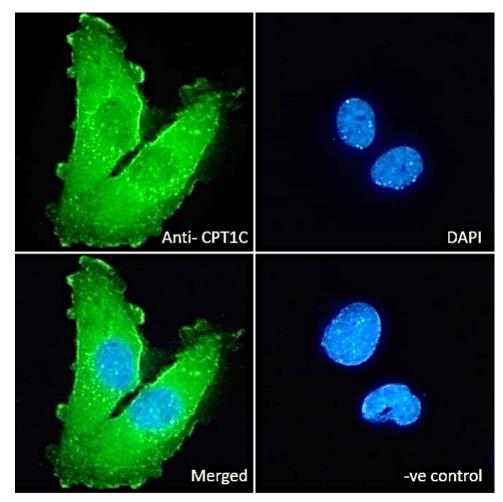
Peptide ELISA: antibody detection limit dilution 1:128000.

Immunofluorescence: Strong expression of the protein seen in the plasma membrane and cytoplasm of U251cells. Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB08926 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).