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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

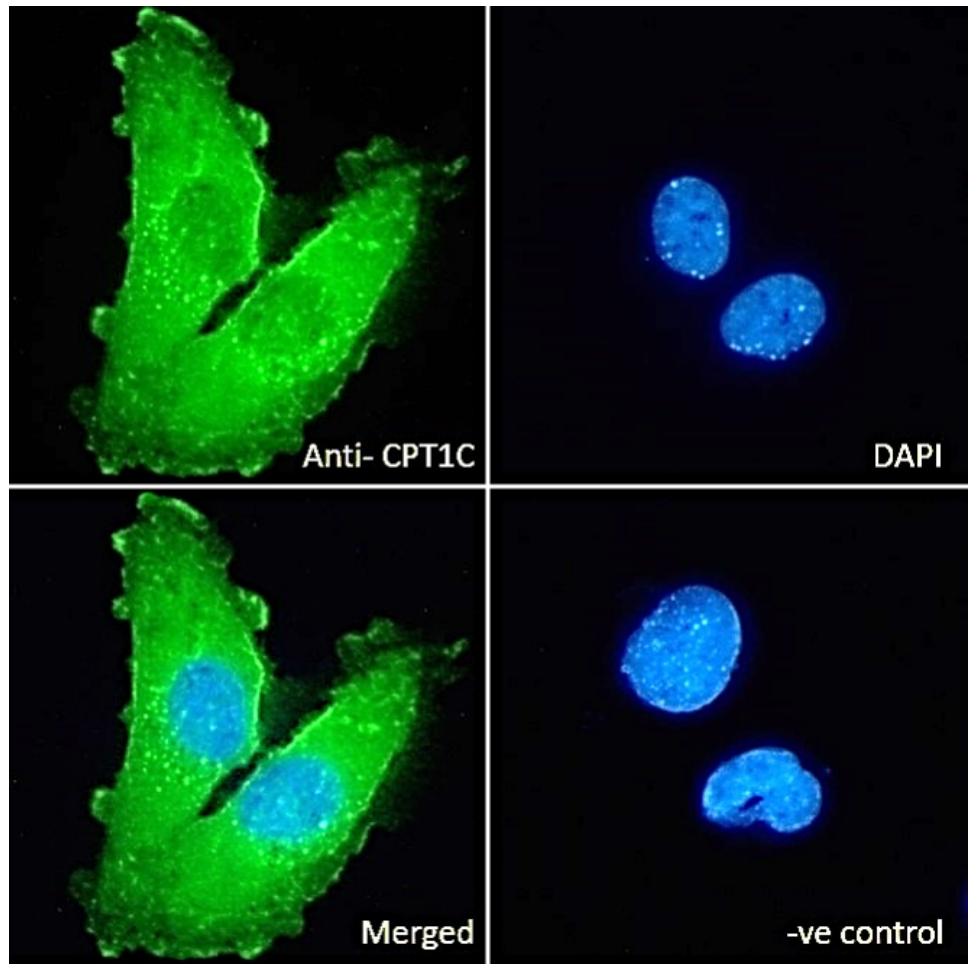
Peptide ELISA: antibody detection limit dilution 1:128000.

Immunofluorescence: Strong expression of the protein seen in the plasma membrane and cytoplasm of U251 cells. 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).