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EB09737 - Goat Anti-CPT2 (aa406-418) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CPT2, carnitine palmitoyltransferase II, CPT1, CPTASE,

OTTHUMP0000010493, carnitine O-palmitoyltransferase

Official Symbol: CPT2

Accession Number(s): NP_000089.1

Human GeneID(s): 1376

Immunogen

Peptide with sequence C-TDSTVTVQKLNFE, from the internal region of the protein sequence according to NP_000089.1.

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 1:4000.

Western blot: Experiments gave bands at approx 70kDa and 37kDa in Human Liver lysates. These bands correspond to earlier findings with different antibodies from other sources. This protein has a calculated MW of 73.8kDa according to NP_000089.1.

Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB09737 ($0.5\mu g/ml$) staining of Human Liver lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.