UK Office

Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:
info@everestbiotech.com
Sales:
sales@everestbiotech.com
Tech support:
support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

EB09736 - Goat Anti-CPT2 (aa141-154) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: CPT2, carnitine palmitoyltransferase II, CPT1, CPTASE, OTTHUMP00000010493, carnitine O-palmitoyltransferase
Official Symbol: CPT2
Accession Number(s): NP_000089.1
Human GeneID(s): 1376

Immunogen

Peptide with sequence C-PKSEYNDQLTRATN, 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.

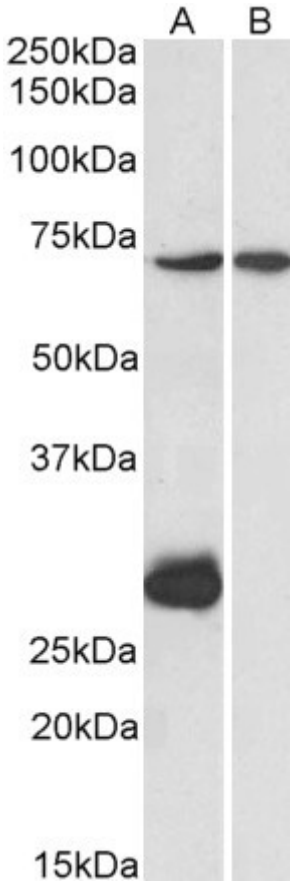
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.
Western blot: Approx 70kDa band observed in Human and Mouse Liver lysates (calculated MW of 73.8kDa according to Human NP_000089.1 and of 74.0kDa according to Mouse NP_034079.2). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature. An additional band of unknown identity was also consistently observed at 26kDa. This band was successfully blocked by incubation with the immunizing peptide.

Species Reactivity

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

EB09736 (1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer).Detected by Chemiluminescence.



EB09736 (1µg/ml) staining of Mouse Heart (A) and Liver (B) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.