

## UK Office

### Everest Biotech Ltd

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

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**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 1:8000.

**Western blot:** Approx. 100kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 91.0kDa according to NP\_689572.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Testis. Recommended concentration: 3.75µg/ml.

### Species Reactivity

**Tested:** Human

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

EB08926 (1µg/ml) staining of Human Frontal Cortex lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB08926 (3.75µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.