

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB10730 - Goat Anti-Crot (rat) (aa178-199) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Crot, carnitine O-octanoyltransferase, COT, peroxisomal carnitine

O-octanoyltransferase **Official Symbol:** Crot

Accession Number(s): NP_114193.1 Non-Human GeneID(s): 83842 (rat)

Immunogen

Peptide with sequence NYFKTESEGHCPTH, from the internal region of the protein sequence according to NP_114193.1.

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 1:32000.

Western blot: Approx 70kDa band observed in Mouse Liver lysates (calculated MW of 70.3kDa according to NP_114193.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Brain (Cortex) and Liver. Recommended concentration: 5µg/ml.

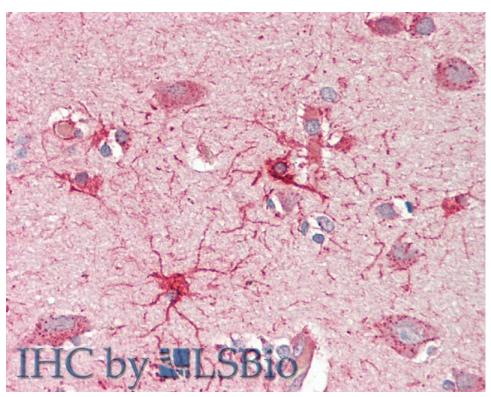
Species Reactivity

Tested: Human, Mouse

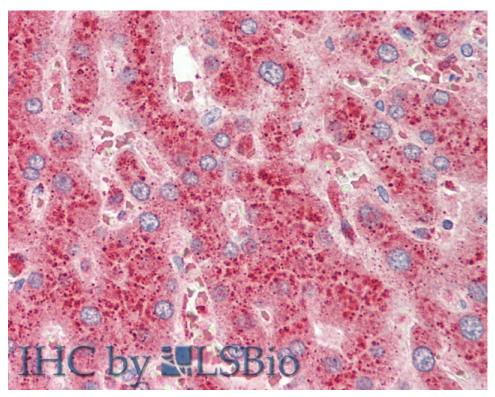
Expected from sequence similarity: Mouse, Rat, Dog



EB10730 (1μg/ml) staining of Mouse Liver lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB10730 (5μg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB10730 ($5\mu g/ml$) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.