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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB10729 - Goat Anti-Crot (rat) 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 RSCLETDAEKLVE, from the C Terminus 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.

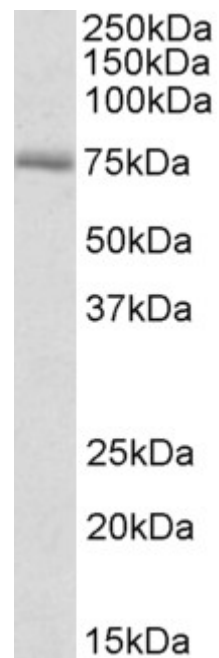
Western blot: Approx 75kDa band observed in Rat Kidney lysates (calculated MW of 70.3kDa according to NP_114193.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

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

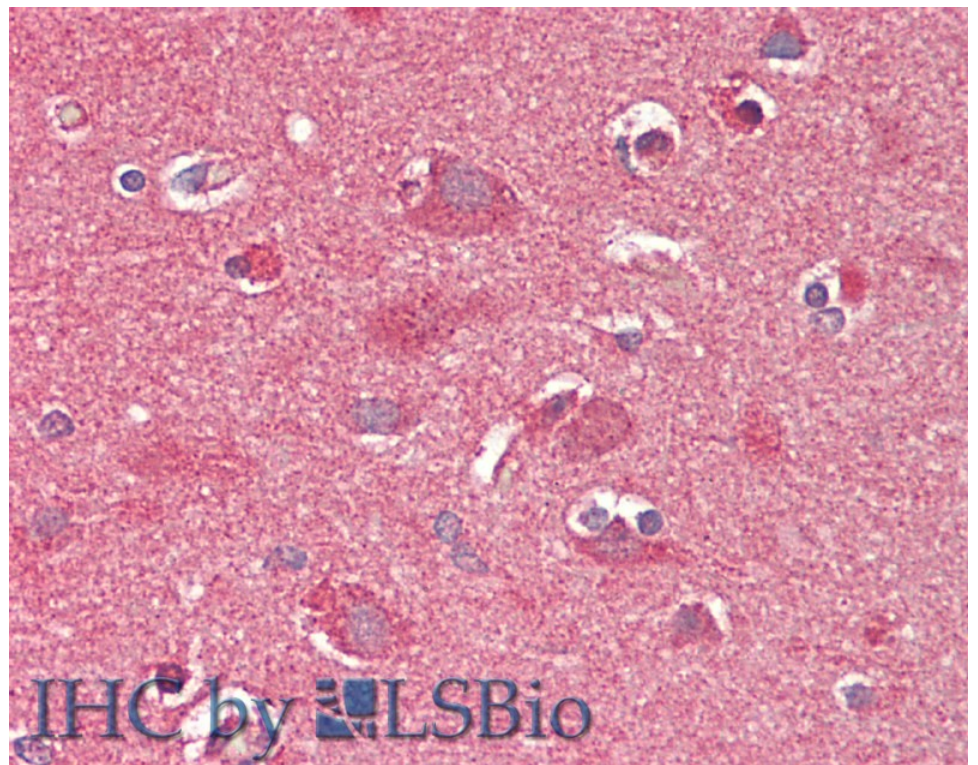
Species Reactivity

Tested: Human, Rat

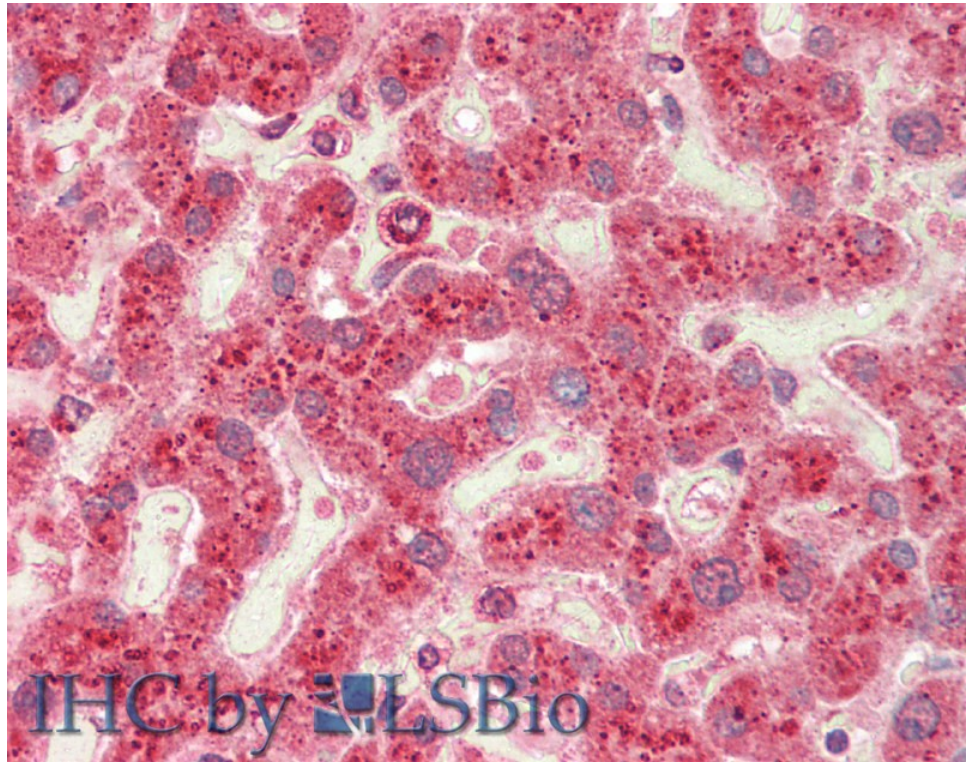
Expected from sequence similarity: Rat



EB10729 (0.3µg/ml) staining of Rat Kidney lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB10729 (5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB10729 (5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.