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# EB09740-B - Goat Anti-ACAT1 (aa257-269), Biotinylated Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** ACAT1, acetyl-Coenzyme A acetyltransferase 1, ACAT, MAT, T2, THIL, acetoacetyl Coenzyme A thiolase, acetyl-CoA acetyltransferase 1, mitochondrial

acetoacetyl-CoA thiolase Official Symbol: ACAT1

Accession Number(s): NP\_000010.1

Human GeneID(s): 38

Non-Human GeneID(s): 110446 (mouse), 25014 (rat)

### **Immunogen**

Peptide with sequence C-KRVDFSKVPKLKT., from the internal region of the protein sequence according to NP\_000010.1.

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**

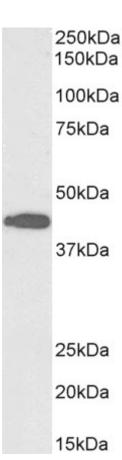
Peptide ELISA: antibody detection limit dilution 1:8000.

**Western blot:** Approx 45kDa band observed in Mouse Liver lysates (calculated MW of 44.8kDa according to Mouse NP\_659033.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

## **Species Reactivity**

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat, Cow



Biotinylated EB09740 (0.1µg/ml) staining of Mouse Liver lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.