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Research Use Only. Not for diagnostic or therapeutic use.

EB09741-B - Goat Anti-ACAT1 (aa253-266), Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

acetyltransferase 1, mitochondrial acetoacetyl-CoA thiolase

Official Symbol: ACAT1

Accession Number(s): NP_000010.1

Human GeneID(s): 38

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

Immunogen

Peptide with sequence C-DEEYKRVDFSKVPK., 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 1:4000.

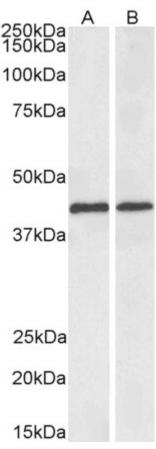
Western blot: Approx 45kDa band observed in Mouse and Rat Liver lysates (calculated MW of 44.8kDa according to Mouse NP_659033.1 and 44.7kDa according to Rat NP_058771.2). See non-biotinylated parental product's datasheet for further QC data.

Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

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



Biotinylated EB09741 (0.1µg/ml) staining of Mouse (A) and Rat (B) Liver lysates (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.