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Research Use Only. Not for diagnostic or therapeutic use.

EB05674-B - Goat Anti-ACADM, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ACADM, acyl-CoA dehydrogenase, C-4 to C-12 straight chain, ACAD1, MCAD, MCADH, acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain,

FLJ18227, FLJ93013, FLJ99884, medium-chain acyl-CoA dehydrogenase, medium-chain

specific acyl-CoA dehydrogenase

Official Symbol: ACADM

Accession Number(s): NP_000007.1; NP_001120800.1; NP_001272971.1;

NP_001272972.1; NP_001272973.1

Human GeneID(s): 34

Important Comments: This antibody is expected to recognise both reported isoforms

(NP_000007.1; NP_001120800.1).

Immunogen

Peptide with sequence C-RLIVAREHIDKYKN., from the C Terminus of the protein sequence according to NP_000007.1; NP_001120800.1; NP_001272971.1; NP_001272973.1.

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

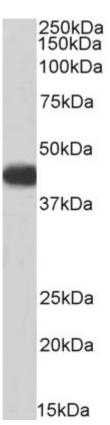
Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 45kDa band observed in Human Heart lysates (calculated MW of 46.6kDa according to NP_000007.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 2-4µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



Biotinylated EB05674 (3μg/ml) staining of Human Heart 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.