

Goat anti-ACADM, Biotinylated Antibody

Item Number	dAP-3317
Target Molecule	Principle Name: ACADM, Biotinylated; Official Symbol: ACADM; All Names and Symbols: 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; Accession Number (s): NP_000007.1; NP_001120800.1; NP_001272971.1; NP_001272972.1; NP_001272973.1; Human Gene ID(s): 34; Non-Human GeneID(s):
Immunogen	RLIVAREHIDKYKN., is from C Terminus This antibody is expected to recognise both reported isoforms (NP_000007.1; NP_001120800.1).
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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.
IHC	
Reference	Reference(s): Matsubara Y, Kraus JP, Yang-Feng TL, Francke U, Rosenberg LE, Tanaka K. Molecular cloning of cDNAs encoding rat and human medium-chain acyl-CoA dehydrogenase and assignment of the gene to human chromosome 1. Proceedings of the National Academy of Sciences of the United States of

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**