

Goat anti-ACADM Antibody

Item Number	dAP-0378
Target Molecule	Principle Name: ACADM; Official Symbol: ACADM; All Names and Symbols: ACADM; acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain; RP4-682C21.1; ACAD1; MCAD; MCADH; medium-chain acyl-CoA dehydrogenase; FLJ18227; FLJ93013; FLJ99884; medium-chain specific acyl-CoA dehydrogenase; Accession Number (s): NP_000007.1; NP_001120800.1; 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 32000.
Western Blot	Western Blot: Approx 45kDa band observed in Human Kidney and Heart lysates (calculated MW of 46.6kDa according to NP_000007.1). Recommended for use at 0.01-0.1µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Liver shows mitochondrial staining in hepatocytes. Recommended concentration, 3-5µg/ml.
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. Proc Natl Acad Sci U S A. 1986 Sep;83(17):6543-7..PMID: 3462713 ->

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 ender users! This product is sold for **Research Use Only**