



Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD, United Kingdom

everestbiotech.com

sales@everestbiotech.com

support@everestbiotech.com

Tel +44 1869 238326

Fax +44 1869 238327

Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05674 - Goat Anti-ACADM Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: medium-chain specific acyl-CoA dehydrogenase, FLJ99884, FLJ93013, FLJ18227, medium-chain acyl-CoA dehydrogenase, MCADH, MCAD, ACAD1, RP4-682C21.1, acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain, ACADM

Official Symbol: ACADM

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

Human GeneID(s): [34](#)

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

Immunogen

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

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 1:32000.

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: In paraffin embedded Human Liver shows mitochondrial staining in hepatocytes. Recommended concentration, 3-5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

Specific Reference

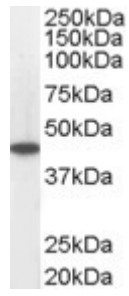
The goat polyclonal antibody used in this paper was manufactured by us:

Powelka AM, Seth A, Virbasius JV, Kiskinis E, Nicoloso SM, Guilherme A, Tang X, Straubhaar J, Cherniack AD, Parker MG, Czech MP.

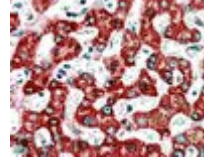
Suppression of oxidative metabolism and mitochondrial biogenesis by the transcriptional corepressor RIP140 in mouse adipocytes.

J Clin Invest. 2006 Jan;116(1):125-36. Epub 2005 Dec 22.

PMID: 16374519



EB05674 staining (0.05 μ g/ml) of Human Heart lysate (RIPA buffer, 35 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



EB05674 (3.8 μ g/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.