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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB05674 - Goat Anti-ACADM Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

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 (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.

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.

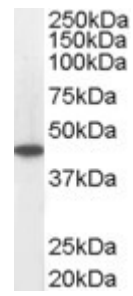
Western blot: Approx 45kDa band observed in Human Kidney and Heart lysates (calculated MW of 46.6kDa according to NP_000007.1). Recommended for use at 0.01-0.1µg/ml.

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

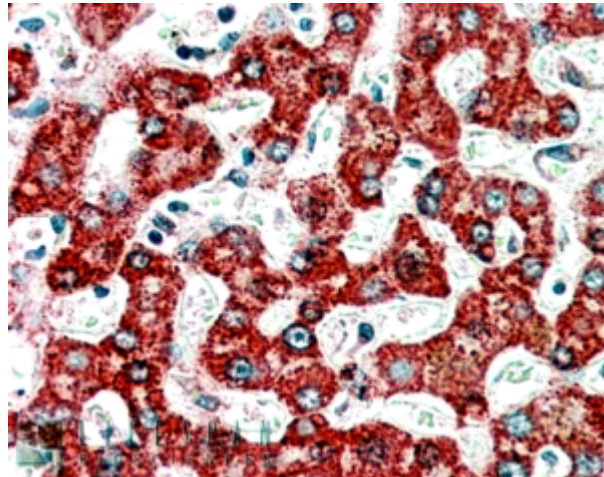
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



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.