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Research Use Only. Not for diagnostic or therapeutic use.

EB09860 - Goat Anti-VLCAD Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ACAD6, acyl-Coenzyme A dehydrogenase, very long chain, LCACD,

VLCAD, ACADVL

Official Symbol: ACADVL

Accession Number(s): NP_000009.1; NP_001029031.1

Human GeneID(s): 37

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

(NP_000009.1; NP_001029031.1).

Immunogen

Peptide with sequence DKSDSHPSDALTRK-C, from the N-Terminus (near) of the protein sequence according to NP_00009.1; NP_001029031.1.

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 1:2000.

Western blot: Approx 68kDa band observed in Human Heart lysates (calculated MW of 68.1kDa according to NP_001029031.1). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09860 (2μg/ml) staining of Human Heart lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.