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

EB09859 - 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 C-RSLSEGHPTAQHE, from the C Terminus (near) of the protein sequence according to NP_000009.1; 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

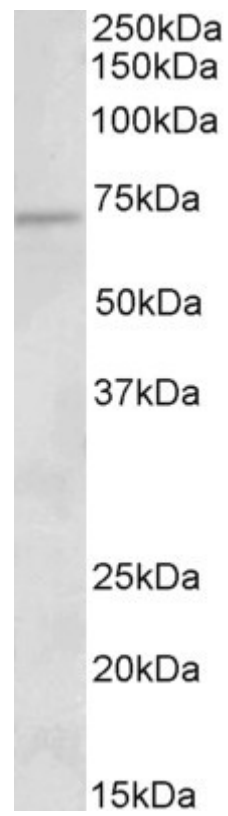
Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 70kDa band observed in Human Heart lysates (calculated MW of 70.4kDa according to NP_000009.1). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog, Cow



EB09859 (1µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.