

## UK Office

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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\_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 1:2000.

**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



EB09860 (2 $\mu$ g/ml) staining of Human Heart lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.