

Goat anti-VLCAD Antibody

Item Number	dAP-2038
Target Molecule	Principle Name: VLCAD; Official Symbol: ACADVL; All Names and Symbols: ACADVL; acyl-Coenzyme A dehydrogenase, very long chain; ACAD6; LCACD; VLCAD; Accession Number (s): NP_000009.1; NP_001029031.1; Human Gene ID(s): 37; Non-Human GeneID(s):
Immunogen	DKSDSHPSDALTRK, is from N-Terminus (near) This antibody is expected to recognize both reported isoforms (NP_000009.1; NP_001029031.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 2000.
Western Blot	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.
IHC	
Reference	Reference(s): Gobin-Limballe S, Djouadi F, Aubey F, Olpin S, Andresen BS, Yamaguchi S, Mandel H, Fukao T, Ruiter JP, Wanders RJ, McAndrew R, Kim JJ, Bastin J. Genetic basis for correction of very-long-chain acyl-coenzyme A dehydrogenase deficiency by bezafibrate in patient

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**