

DNAxPAb

Hard-to-Find
Antibody

ACADL DNAxPab

Catalog # H00000033-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ACADL DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAARLLRGSLRVLGGHRAPRQLPAARCSHSGGEERLETPSAKKLTDIGIRRIFSPEHDIFRKSVRK FFQEEVIPHHSEWEKAGEVSREVWEKAGKQGLLGVNIAEHLGGIGGDLYSAAMWEEQAYSNCS GPGFSIHSGIVMSYITNHGSEEQIKHFIPQMTAGKCIGAIAMTEPGAGSDLQGIKTNAKKDGS DWILN GSKVFISNGSLSDVVVVAVTNHEAPSPA HGISLFLVENG MKGFIKGRKLHKMGLKAQDTAELFFE DIRLPASALLGEENKGFYYIMKELPQERLLIADVAISEFMFEETRNYVKQRKAFGKTV AHLQTVQ HKLAELKTHICVTRAFVDNCLQLHEAKRLDSATACMAKYWASELQNSVAYDCVQLHGGWGYMW EYPIAKAYVDARVQPIYGGTNEIMKELIAREIVFDK
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85)
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ACADL

Entrez GeneID [33](#)

GeneBank Accession# [NM_001608.2](#)

Protein Accession# [NP_001599.1](#)

Gene Name ACADL

Gene Alias ACAD4, FLJ94052, LCAD

Gene Description acyl-Coenzyme A dehydrogenase, long chain

Omim ID [201460 609576](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the acyl-CoA dehydrogenase family, which is a family of mitochondrial flavoenzymes involved in fatty acid and branched chain amino-acid metabolism. This protein is one of the four enzymes that catalyze the initial step of mitochondrial beta-oxidation of straight-chain fatty acid. Defects in this gene are the cause of long-chain acyl-CoA dehydrogenase (LCAD) deficiency, leading to nonketotic hypoglycemia. [provided by RefSeq]

Other Designations long-chain specific acyl-CoA dehydrogenase

Pathway

- [Fatty acid metabolism](#)
- [Metabolic pathways](#)
- [PPAR signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)