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 te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAARLLRGSLRVLGGHRAPRQLPAARCSHSGGEERLETPSAKKLTDIGIRRIFSPEHDIFRKSVRK FFQEEVIPHHSEWEKAGEVSREVWEKAGKQGLLGVNIAEHLGGIGGDLYSAAIVWEEQAYSNCS GPGFSIHSGIVMSYITNHGSEEQIKHFIPQMTAGKCIGAIAMTEPGAGSDLQGIKTNAKKDGSDWILN GSKVFISNGSLSDVVIVVAVTNHEAPSPAHGISLFLVENGMKGFIKGRKLHKMGLKAQDTAELFFE DIRLPASALLGEENKGFYYIMKELPQERLLIADVAISASEFMFEETRNYVKQRKAFGKTVAHLQTVQ 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

- Flow Cytometry (Transfected cell)

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- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (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

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- Diabetes Mellitus
- Edema

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