

DNAxPAb

Hard-to-Find
Antibody

ACADSB DNAxPab

Catalog # H00000036-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ACADSB DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MEGLAVRLLRGSKLLRRNFLTCLSSWKIPPHVSKSSQSEALLNITNNGIHFAPLQTFTDEEMMIKSS
VKKFAQEQIAPLVSTMDENSKMEKSVIQGLFQQGLMGIEVDPEYGGTGASFLSTVLVIEELAKVDA
SVAVFCEIQNTLINTLIRKHGTEEQKATYLPQLTTEKVGSFCLSEAGAGSDSFALKTRADKEGDYYV
LNGSKMWISSAEHAGFLVMANVDPTIGYKGITSFLVDRDTPGLHIGKPENKLGLRASSTCPLTFE
NVKVPEANILGQIGHGYKYAIGSLNEGRIGIAAQLGLAQGCFDYTIPIYKERIQFGKRLDFDQGLQHQ
VAHVATQLEAARLLTYNAARLLEAGKPFKEASMAKYASEIAGQTTSKCIWMMGGVGYTKDYPVE
KYFRDAKIGTYEGASNIQLNTIAKHIDAEY

Host Rabbit

Reactivity Human

Interspecies Antigen Sequence Rat (84)

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 — ACADSB

Entrez GeneID [36](#)

GeneBank Accession# [BC013756](#)

Protein Accession# [AAH13756.1](#)

Gene Name ACADSB

Gene Alias 2-MEBCAD, ACAD7, SBCAD

Gene Description acyl-Coenzyme A dehydrogenase, short/branched chain

Omim ID [600301 610006](#)

Gene Ontology [Hyperlink](#)

Gene Summary Short/branched chain acyl-CoA dehydrogenase(ACADSB) is a member of the acyl-CoA dehydrogenase family of enzymes that catalyze the dehydrogenation of acyl-CoA derivatives in the metabolism of fatty acids or branch chained amino acids. Substrate specificity is the primary characteristic used to define members of this gene family. The ACADSB gene product has the greatest activity towards the short branched chain acyl-CoA derivative, (S)-2-methylbutyryl-CoA, but also reacts significantly with other 2-methyl branched chain substrates and with short straight chain acyl-CoAs. The cDNA encodes for a mitochondrial precursor protein which is cleaved upon mitochondrial import and predicted to yield a mature peptide of approximately 43.7-KDa. [provided by RefSeq]

Other Designations 2-methyl branched chain acyl-CoA dehydrogenase|2-methylbutyryl-CoA dehydrogenase|OTTHUMP00000020685|OTTHUMP00000046795

Pathway

- [Fatty acid metabolism](#)
- [Metabolic pathways](#)
- [Valine](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)