DNAxPAb | Hard-to-Find Antibody

ACADS DNAxPab

Catalog # H00000035-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ACADS DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAAALLARASGPARRALCPRAWRQLHTIYQSVELPETHQMLLQTCRDFAEKELFPIAAQVDKEHL FPAAQVKKMGGLGLLAMDVPEELGGAGLDYLAYAIAMEEISRGCASTGVIMSVNNSLYLGPILKFG SKEQKQAWVTPFTSGDKIGCFALSEPGNGSDAGAASTTARAEGDSWVLNGTKAWITNAWEASA AVVFASTDRALQNKSISAFLVPMPTPGLTLGKKEDKLGIRGSSTANLIFEDCRIPKDSILGEPGMGF KIAMQTLDMGRIGIASQALGIAQTALDCAVNYAENRMAFGAPLTKLQVIQFKLADMALALESARLLT WRAAMLKDNKKPFIKEAAMAKLAASEAATAISHQAIQILGGMGYVTEMPAERHYRDARITEIYEGTS EIQRLVIAGHLLRSYRS
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (90)
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 — ACADS

Entrez GeneID	35
GeneBank Accession#	BC025963.1
Protein Accession#	AAH25963.1
Gene Name	ACADS
Gene Alias	ACAD3, SCAD
Gene Description	acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain
Omim ID	201470 606885
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a a tetrameric mitochondrial flavoprotein, which is a member of the acyl-CoA dehydrogenase family. This enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Mutations in this gene have been associated with Short Chain Acyl-CoA Dehydrogenase Deficiency. [provided by RefSeq
Other Designations	butyryl-CoA dehydrogenase|short chain acyl-CoA dehydrogenase|unsaturated acyl-CoA reductase

Pathway

- Butanoate metabolism
- Fatty acid metabolism
- Metabolic pathways
- Valine

Disease

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- Alcoholism
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