

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 technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAAALLARASGPARRALCPRAWRLHTIYQSVELPETHQMLLQTCRDFAEKELFPAAQVDKEHL FPAAQVKKMGGLGLLAMDVPEELGGAGLDLAYAIAMEEISRGCASTGVIMSVNNSLYLGPILKFG SKEQKQAWVTPFTSGDKIGCFALSEPGNGSDAGAASTTARAEGDSWVLNGTKAWITNAWEASA AVVFASTDRALQNKSSISAFVPMPTPGLTLGKKEDKLGIRGSSTANLIFEDCRIPKDSILGEPGMGF KIAMQTLDMGRIGIASQALGIAQTALDCAVNYAENRMAFGAPLTKLQVIQFKLADMALALESARLLT WRAAMLKDNKKPFIKEAAMAKLAASEAATAISHQAIQILGGMGYVTEMPAERHYRDARITEIEGTS EIQLVIAGHLLRSYRS
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

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (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

- [Alcoholism](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Interview](#)
- [Lipid Metabolism](#)