

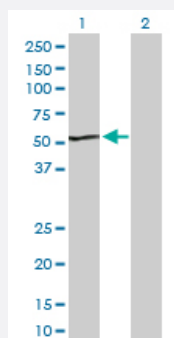
MaxPab®

ACADS purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000035-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ACADS expression in transfected 293T cell line ([H00000035-T02](#)) by ACADS MaxPab polyclonal antibody.

Lane 1: ACADS transfected lysate(44.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ACADS protein.

Immunogen

ACADS (AAH25963.1, 1 a.a. ~ 412 a.a) full-length human protein.

Sequence

MAAALLARASGPARRALCPRAWRLHTIYQSVELPETHQMLLQTCRDFAEKELFPAAQVDKEHL
FPAAQVKKMGGLGLLAMDVPEELGGAGLDYLAIAIMEEISRGCASTGVIMSVNNSLYLGPIKFG
SKEQKQAWVTPFTSGDKIGCFALSEPGNGSDAGAASTTARAEGDSWVLNGTKAWITNAWEASA
AVVFASTDRALQNKSSISAFVPMPTPGLTLGKKEDKLGIRGSSTANLIFEDCRIPKDSILGEPGMGF
KIAMQTLDMGRIGIASQALGIAQTALDCAVNYAENRMAFGAPLTKLQVIQFKLADMALALESARLLT
WRAAMLKDNKKPFIKEAAMAKLAASEAATAISHQAIQILGGMGYVTEMPAERHYRDARITEIMEGTS
EIQRLVIAGHLLRSYRS

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (90); Rat (90)

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.

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[Protocol Download](#)

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](#)