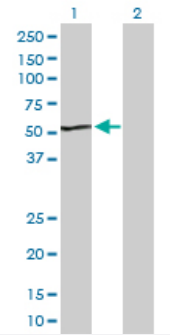
MaxPab®

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	MAAALLARASGPARRALCPRAWRQLHTIYQSVELPETHQMLLQTCRDFAEKELFPIAAQVDKEHL FPAAQVKKMGGLGLLAMDVPEELGGAGLDYLAYAIAMEEISRGCASTGVIMSVNNSLYLGPILKFG SKEQKQAWVTPFTSGDKIGCFALSEPGNGSDAGAASTTARAEGDSWVLNGTKAWITNAWEASA AVVFASTDRALQNKSISAFLVPMPTPGLTLGKKEDKLGIRGSSTANLIFEDCRIPKDSILGEPGMGF KIAMQTLDMGRIGIASQALGIAQTALDCAVNYAENRMAFGAPLTKLQVIQFKLADMALALESARLLT WRAAMLKDNKKPFIKEAAMAKLAASEAATAISHQAIQILGGMGYVTEMPAERHYRDARITEIYEGTS 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

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Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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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

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- Metabolic pathways
- Valine

Disease

- Alcoholism
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Interview
- Lipid Metabolism

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