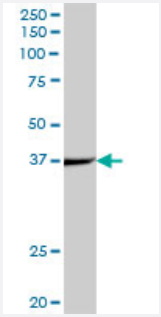
MaxPab®

ACADS purified MaxPab mouse polyclonal antibody (B01P)

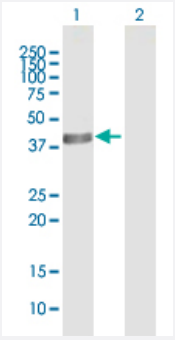
Catalog # H00000035-B01P Size 50 ug

Applications



Western Blot (Tissue lysate)

ACADS MaxPab polyclonal antibody. Western Blot analysis of ACADS expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of ACADS expression in transfected 293T cell line (H00000035-T01) by ACADS MaxPab polyclonal antibody.

Lane 1: ACADS transfected lysate(45.32 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse 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

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Host	Mouse
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.

Applications

- Western Blot (Tissue lysate)

  ACADS MaxPab polyclonal antibody. Western Blot analysis of ACADS expression in human liver.

  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of ACADS expression in transfected 293T cell line (H00000035-T01) by ACADS MaxPab polyclonal antibody.

  Lane 1: ACADS transfected lysate(45.32 KDa).
  Lane 2: Non-transfected lysate.

  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

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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

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