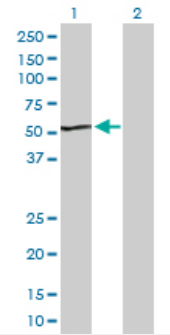
MaxPab®

# 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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  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 |
| **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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