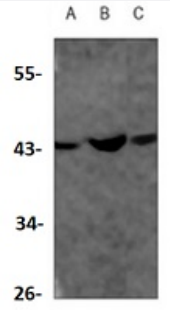
RecomAb™

ACADS recombinant monoclonal antibody

Catalog # RAB02461 Size 100 uL

Applications



Western Blot

Western blot analysis of mouse liver (A), NIH3T3 (B), Jurkat (C) whole cell lysates with ACADS recombinant monoclonal antibody (Cat # RAB02461).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ACADS.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide of human ACADS.
Theoretical MW (kDa)	43
Reactivity	Human, Mouse, Rat
Specificity	Recognizes endogenous levels of ACADS protein.
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Immunogen affinity chromatography
Isotype	IgG

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Recommend Usage	Immunoprecipitation(1:10-1:50) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunoprecipitation
- Western Blot

Western blot analysis of mouse liver (A), NIH3T3 (B), Jurkat (C) whole cell lysates with ACADS recombinant monoclonal antibody (Cat # RAB02461).

Gene Info — ACADS

Entrez GeneID	35
Protein Accession#	P16219
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-o xidation pathway. Mutations in this gene have been associated with Short Chain Acyl-CoA Dehyd rogenase Deficiency. [provided by RefSeq
Other Designations	butyryl-CoA dehydrogenase|short chain acyl-CoA dehydrogenase|unsaturated acyl-CoA reductas e

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Pathway

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- Fatty acid metabolism
- Metabolic pathways
- Valine

Disease

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- Interview
- Lipid Metabolism

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