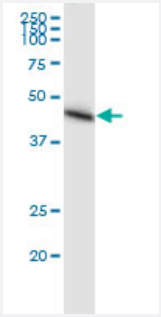
MaxPab®

ACADM MaxPab rabbit polyclonal antibody (D01)

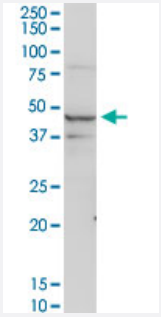
Catalog # H00000034-D01 Size 100 uL

Applications



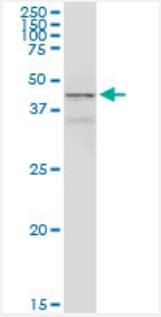
Immunoprecipitation

Immunoprecipitation of ACADM transfected lysate using anti-ACADM MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ACADM purified MaxPab mouse polyclonal antibody (B01P) (H00000034-B01P).



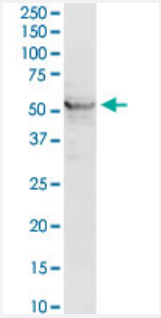
Western Blot (Tissue lysate)

ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in mouse testis.



Western Blot (Tissue lysate)

ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in mouse liver.



Western Blot (Tissue lysate)

ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in rat brain.

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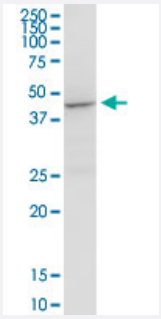
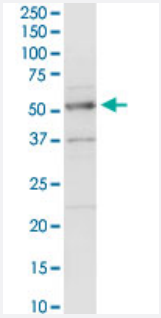


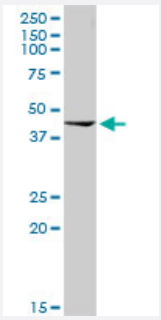
Western Blot (Tissue lysate)

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



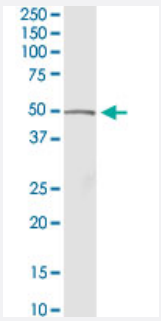
Western Blot (Tissue lysate)

ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in human placenta.



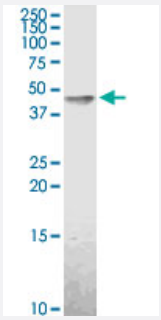
Western Blot (Tissue lysate)

ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in mouse kidney.



Western Blot (Tissue lysate)

ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in human pancreas.



Western Blot (Cell lysate)

ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in MCF-7.

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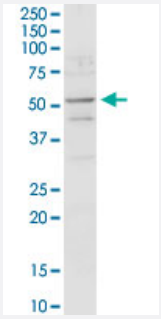
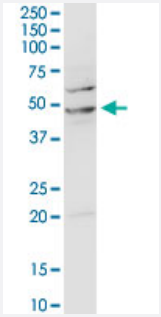


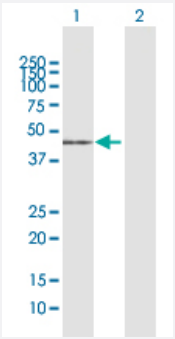
Western Blot (Cell lysate)

ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in PC-12.



Western Blot (Cell lysate)

ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in Jurkat.



Western Blot (Transfected lysate)

Western Blot analysis of ACADM expression in transfected 293T cell line (H00000034-T02) by ACADM MaxPab polyclonal antibody.

Lane 1: ACADM transfected lysate(46.6 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ACADM protein.
Immunogen	ACADM (NP_000007.1, 1 a.a. ~ 421 a.a) full-length human protein.
Sequence	MAAGFGRCCRVLRSISRFHWRSQHTKANRQREPGLGFSFEFTEQQKEFQATARKFAREEIIPVAA EYDKTGEYPVPLIRRAWELGLMNTHIPENCGGLGLGTFDACLISEELAYGCTGVQTAIEGNSLGQM PIIIAGNDQQKKKYLGRMTEEPLMCAYCVTEPGAGSDVAGIKTKAEKKGDEYIINGQKMWITNGGKA NWYFLLARSDPDPKAPANKAFTGFIVEADTPGIQIGRKELNMGQRCSDTRGIVFEDVKVPKENVLI GDGAGFKVAMGAFDKTRPVVAAGAVGLAQRALDEATKYALERKTFGKLLVEHQAISFMLAEMAM KVELARMSYQRAAWEVDSGRRNTYYASIAKAFAGDIANQLATDAVQILGGNGFNTEYPVEKLMRD AKIYQIYEGTSQIQRLIVAREHIDKYKN
Host	Rabbit
Reactivity	Human, Mouse, Rat

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Interspecies Antigen Sequence	Mouse (87); Rat (86)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

  Immunoprecipitation of ACADM transfected lysate using anti-ACADM MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ACADM purified MaxPab mouse polyclonal antibody (B01P) (H00000034-B01P).

  Protocol Download

- Western Blot (Tissue lysate)

  ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in mouse testis.

  Protocol Download

- Western Blot (Tissue lysate)

  ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in mouse liver.

  Protocol Download

- Western Blot (Tissue lysate)

  ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in rat brain.

  Protocol Download

- Western Blot (Tissue lysate)

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

  Protocol Download

- Western Blot (Tissue lysate)

  ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in human placenta.

  Protocol Download

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- Western Blot (Tissue lysate)

  ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in mouse kidney.

  Protocol Download

- Western Blot (Tissue lysate)

  ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in human pancreas.

  Protocol Download

- Western Blot (Cell lysate)

  ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in MCF-7.

  Protocol Download

- Western Blot (Cell lysate)

  ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in PC-12.

  Protocol Download

- Western Blot (Cell lysate)

  ACADM MaxPab rabbit polyclonal antibody. Western Blot analysis of ACADM expression in Jurkat.

  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of ACADM expression in transfected 293T cell line (H00000034-T02) by ACADM MaxPab polyclonal antibody.

  Lane 1: ACADM transfected lysate(46.6 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — ACADM

Entrez GeneID	34
GeneBank Accession#	NM_000016.2
Protein Accession#	NP_000007.1
Gene Name	ACADM
Gene Alias	ACAD1, FLJ18227, FLJ93013, FLJ99884, MCAD, MCADH

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Gene Description	acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain
Omim ID	201450 607008
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the medium-chain specific (C4 to C12 straight chain) acyl-Coenzyme A dehyd rogenase. The homotetramer enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Defects in this gene cause medium-chain acyl-CoA dehydrogenase deficienc y, a disease characterized by hepatic dysfunction, fasting hypoglycemia, and encephalopathy, whi ch can result in infantile death. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000011345|medium-chain specific acyl-CoA dehydrogenase

Pathway

- beta-Alanine metabolism
- Fatty acid metabolism
- Metabolic pathways
- PPAR signaling pathway
- Propanoate metabolism
- Valine

Disease

- Cardiovascular Diseases
- Death
- Deficiency Diseases
- Diabetes Mellitus
- Edema
- Epilepsy
- Genetic Predisposition to Disease
- Hypoglycemia

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- Lipid Metabolism
- Metabolism
- Seizures
- Sleep Stages

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