

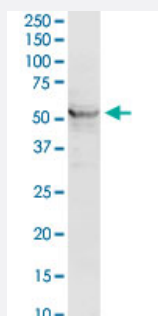
MaxPab®

ACADM MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000034-D01

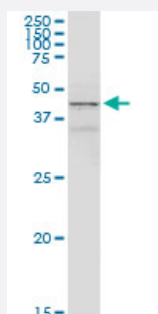
Size 100 uL

Applications



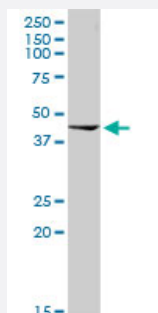
Western Blot (Tissue lysate)

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



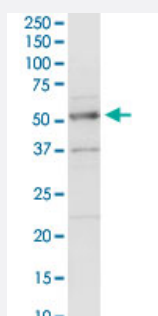
Western Blot (Tissue lysate)

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



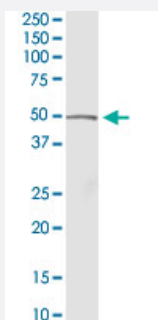
Western Blot (Tissue lysate)

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



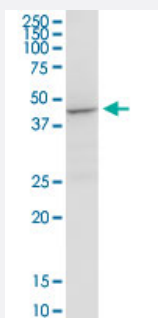
Western Blot (Tissue lysate)

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



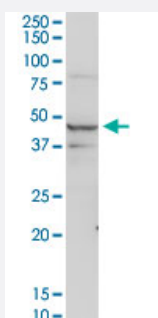
Western Blot (Tissue lysate)

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



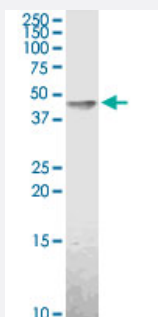
Western Blot (Tissue lysate)

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



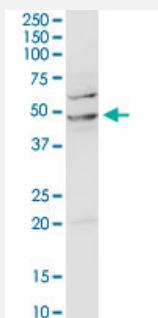
Western Blot (Tissue lysate)

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



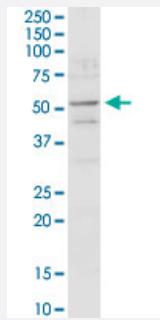
Western Blot (Cell lysate)

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



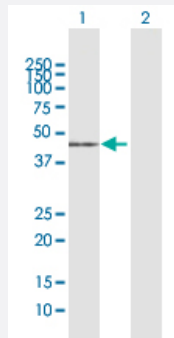
Western Blot (Cell lysate)

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



Western Blot (Cell lysate)

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

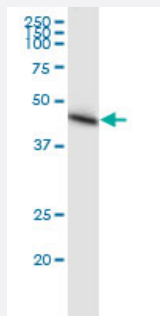


Western Blot (Transfected lysate)

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.



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](#)).

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

MAAGFGRCCRVLRSISRFWRSQHTKANRQREPGLGFSFEFTEQQKEFQATARKFAREEIIPVAA
EYDKTGEYPVPLIRRAWELGLMNTHIPENCGLGLGTFDACLISEELAYGCTGVQTAIEGNSLGQM
PIIAGNDQQKKYLGRMTEEPLMCAYCVTEPGAGSDVAGIKTKAEKKGDEYIINGQKMWITNGGKA
NWFLLARSDPDPAKANKAFTGFVEADTPGIQGRKELNMGQRCS DTRGMVFEDVKVPKENVLI
GDGAGFKVAMGAFDKTRPVVAAGAVGLAQRALDEATKYALERKTFGKLLVEHQAI SFMLAEMAM
KVELARMSYQRAAWEVDSGRRNTYYASIAKAFAGDIANQLATDAVQILGGNGFNTEYPVEKL MRD
AKIYQIYEGTSQIQLIVAREHIDKYKN

Host

Rabbit

Reactivity

Human, Mouse, Rat

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

- 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 mouse liver.

[Protocol Download](#)

- 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 placenta.

[Protocol Download](#)

- Western Blot (Tissue lysate)

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

[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 mouse testis.

[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 Jurkat.

[Protocol Download](#)

- Western Blot (Cell lysate)

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

[Protocol Download](#)

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

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- Immunoprecipitation

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[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
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 dehydrogenase. 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 deficiency, a disease characterized by hepatic dysfunction, fasting hypoglycemia, and encephalopathy, which 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](#)
- [Lipid Metabolism](#)
- [Metabolism](#)
- [Seizures](#)
- [Sleep Stages](#)