

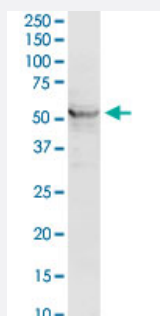
MaxPab®

ACADM purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000034-D01P

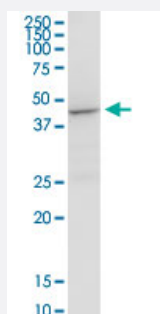
Size 100 ug

Applications



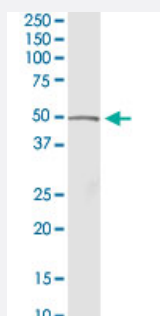
Western Blot (Tissue lysate)

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



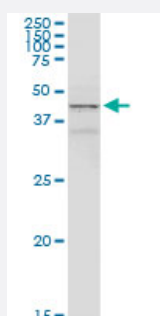
Western Blot (Tissue lysate)

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



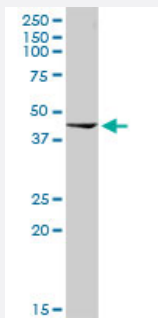
Western Blot (Tissue lysate)

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



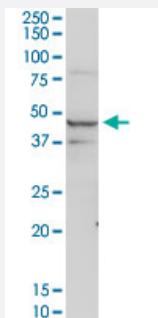
Western Blot (Tissue lysate)

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



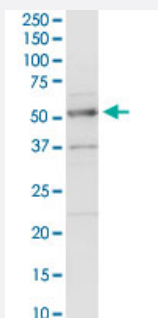
Western Blot (Tissue lysate)

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



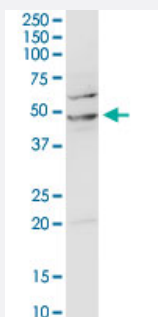
Western Blot (Tissue lysate)

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



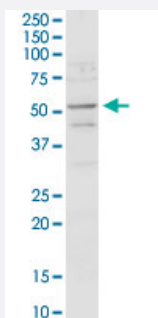
Western Blot (Tissue lysate)

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



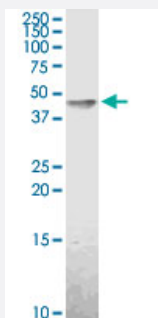
Western Blot (Cell lysate)

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



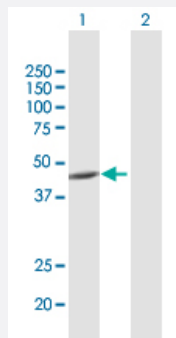
Western Blot (Cell lysate)

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



Western Blot (Cell lysate)

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



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(46.60 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	MAAGFGRCRVLRSISRFHWRSQHTKANRQREPGLGFSFEFTEQQKEFQATARKFAREEIIPVAA EYDKTGEYPVPLIRRAWELGLMNTHIPENCGLGLGTFDACLISEELAYGCTGVQTAIEGNSLGQM PIIAGNDQQKKKYLGRMTTEPLMCAYCVTEPGAGSDVAGIKTKAEKKGDEYIINGQKMWITNGGKA NWFYLLARSDPDPKAPANKAFTGFIVEADTPGIQGRKELNMQQRCS DTRGMFEDVKVPKENVLI GDGAGFKVAMGAFDKTRPVVAAGAVGLAQRALDEATKYALERKTFGKLLVEHQAISFMLAEMAM KVELARMSYQRAAWEVDSGRRNTYYASIAKAFAGDIANQLATDAVQILGGNGFNTEYPVEKLMRD AKIQYEGTSQIQRLVAREHIDKYKN
Host	Rabbit
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (87); Rat (86)
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)

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 pancreas.

[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 mouse testis.

[Protocol Download](#)

- Western Blot (Tissue lysate)

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

[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 (Cell lysate)

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

[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(46.60 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

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](#)