

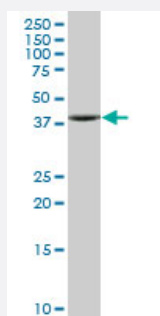
MaxPab®

ACADM purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000034-B01P

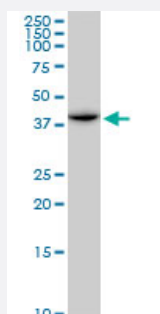
Size 50 ug

Applications



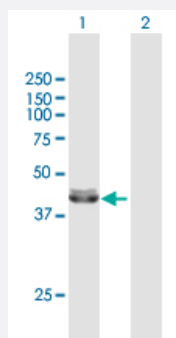
Western Blot (Tissue lysate)

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



Western Blot (Cell lysate)

ACADM MaxPab polyclonal antibody. Western Blot analysis of ACADM expression in HepG2.

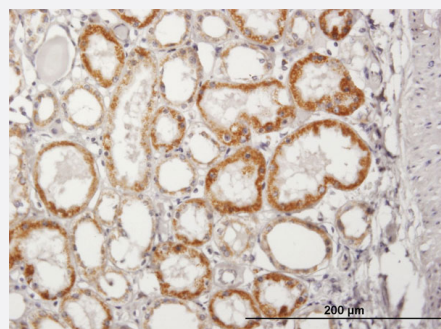


Western Blot (Transfected lysate)

Western Blot analysis of ACADM expression in transfected 293T cell line ([H00000034-T01](#)) by ACADM MaxPab polyclonal antibody.

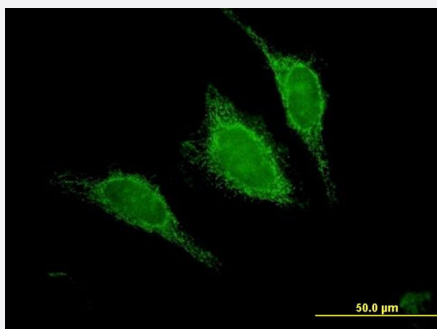
Lane 1: ACADM transfected lysate(46.31 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to ACADM on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ACADM on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse 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	MAAGFGRCCRVLRISRFHWRSQHTKANRQREPGLGFSFEFTEQQKEFQATARKFAREEIIPVAA EYDKTGEYPVPLIRRAWELGLMNTHIPENCGLGLGTFDACLISEELAYGCTGVQTAIEGNSLGQM PIIIAGNDQQKKKYLGRMTEEPLMCAYCVTEPGAGSDVAGIKTKAEKKGDEYIINGQKMWITNGGKA NWFYLLARSDPDPAKANKAFTGFIVEADTPGIQGRKELNMGQRCSOTRGVFEDVKVPKENVLI GDGAGFKVAMGAFDKTRPVVAAGAVGLAQRALDEATKYALERKTFGKLLVEHQAISFMLAEMAM KVELARMSYQRAAWEVDSGRRNTYYASIAKAFAGDIANQLATDAVQILGGNGFNTEYPVEKLMRD AKIYQYEGTSQIQRLIVAREHIDKYKN
Host	Mouse
Reactivity	Human
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 polyclonal antibody. Western Blot analysis of ACADM expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

ACADM MaxPab polyclonal antibody. Western Blot analysis of ACADM expression in HepG2.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ACADM expression in transfected 293T cell line ([H00000034-T01](#)) by ACADM MaxPab polyclonal antibody.

Lane 1: ACADM transfected lysate(46.31 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to ACADM on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ACADM on HeLa cell. [antibody concentration 10 ug/ml]

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](#)