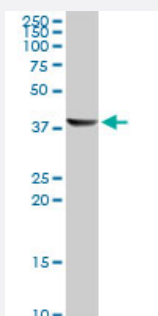


ACAA1 monoclonal antibody (M01), clone 3F11

Catalog # H00000030-M01

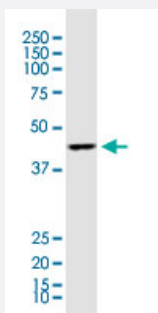
Size 100 ug

Applications



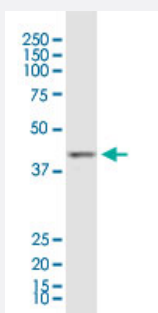
Western Blot (Tissue lysate)

ACAA1 monoclonal antibody (M01), clone 3F11. Western Blot analysis of ACAA1 expression in human liver.



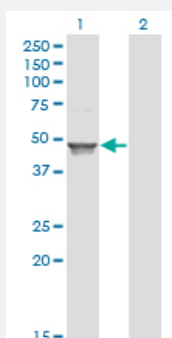
Western Blot (Cell lysate)

ACAA1 monoclonal antibody (M01), clone 3F11. Western Blot analysis of ACAA1 expression in A-431.



Western Blot (Cell lysate)

ACAA1 monoclonal antibody (M01), clone 3F11. Western Blot analysis of ACAA1 expression in PC-12.

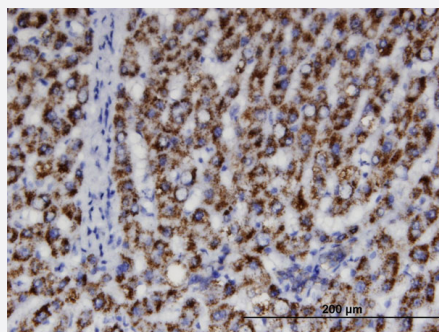


Western Blot (Transfected lysate)

Western Blot analysis of ACAA1 expression in transfected 293T cell line by ACAA1 monoclonal antibody (M01), clone 3F11.

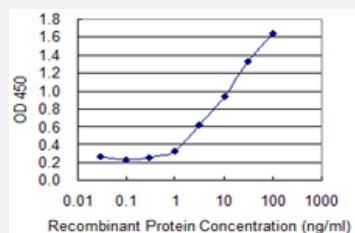
Lane 1: ACAA1 transfected lysate (Predicted MW: 44.3 kDa).

Lane 2: Non-transfected lysate.



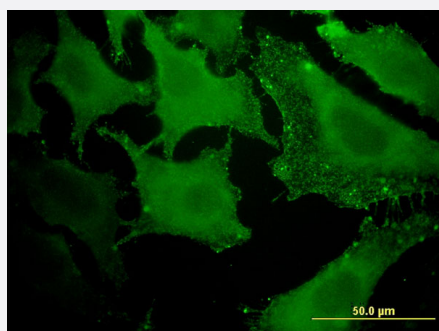
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ACAA1 on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]



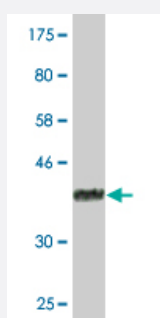
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ACAA1 is 0.1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to ACAA1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ACAA1.

Immunogen

ACAA1 (NP_001598, 217 a.a. ~ 315 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence	GCFQAEIVPVTTHVHDDKGTKRSITVTQDEGIRPSTTMEGLAKLKPAFKKDGSTTAGNSSQVSDG AAAILLARRSKAEELGLPILGVLSYAVVGVPDP
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (85); Rat (86)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
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)

ACAA1 monoclonal antibody (M01), clone 3F11. Western Blot analysis of ACAA1 expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

ACAA1 monoclonal antibody (M01), clone 3F11. Western Blot analysis of ACAA1 expression in A-431.

[Protocol Download](#)

- Western Blot (Cell lysate)

ACAA1 monoclonal antibody (M01), clone 3F11. Western Blot analysis of ACAA1 expression in PC-12.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ACAA1 expression in transfected 293T cell line by ACAA1 monoclonal antibody (M01), clone 3F11.

Lane 1: ACAA1 transfected lysate (Predicted MW: 44.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to ACAA1 on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ACAA1 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to ACAA1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — ACAA1

Entrez GeneID

[30](#)

GeneBank Accession#

[NM_001607](#)

Protein Accession#

[NP_001598](#)

Gene Name

ACAA1

Gene Alias

ACAA, PTHIO, THIO

Gene Description

acetyl-Coenzyme A acyltransferase 1

Omim ID

[261515 604054](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes an enzyme operative in the beta-oxidation system of the peroxisomes. Deficiency of this enzyme leads to pseudo-Zellweger syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations

peroxisomal 3-oxoacyl-Coenzyme A thiolase

Pathway

- [Biosynthesis of unsaturated fatty acids](#)
- [Fatty acid metabolism](#)
- [Metabolic pathways](#)
- [PPAR signaling pathway](#)
- [Valine](#)

Disease

- [Anoxia](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)