

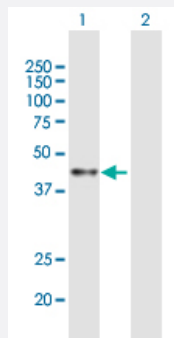
MaxPab®

ACAA1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000030-B01P

Size 50 ug

Applications

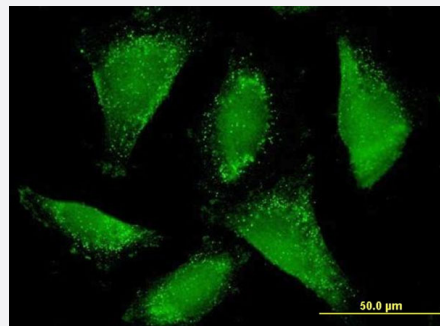


Western Blot (Transfected lysate)

Western Blot analysis of ACAA1 expression in transfected 293T cell line ([H00000030-T01](#)) by ACAA1 MaxPab polyclonal antibody.

Lane1:ACAA1 transfected lysate(46.64 KDa).

Lane2:Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ACAA1 on HepG2 cell. [antibody concentration 20 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ACAA1 protein.

Immunogen

ACAA1 (NP_001598.1, 1 a.a. ~ 424 a.a) full-length human protein.

Sequence

MQRLQVVLGHLRGPADSGWMPQAAPCLSGAPQASAADV VVHGRRTAICRAGRGGFKDTPD
ELLSAVMTAVLKDVNLRPEQLGDICVGNVLQPGAGAIMARIAQLSDIPETVPLSTVNRQCSSGLQ
AVASIAGGIRNGSYDIGMACGVESMSLADRGNPGNITSRLMEKEKARDCLIPMGITSENAERFGIS
REKQDTFALASQQKAARAQSKGCFQAEIVPTTTVHDDKGTKRSITVTQDEGIRPSTTMEGLAKL
KPAFKKDGSTTAGNSSQVSDGAAAILLARRSKAEELGLPILGVLRSYAVVGVPPDIMGIGPAYAIPV
ALQKAGLTVSDVDIFEINEAFASQAAYCVEKLRLPPEKVNPLGGAVALGHPLGCTGARQVITLLNE
LKRRGKRAYGVVSMCIGTGMGAAAVFEYPGN

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); 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.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ACAA1 on HepG2 cell. [antibody concentration 20 ug/ml]

Gene Info — ACAA1

Entrez GeneID	30
GeneBank Accession#	NM_001607.2
Protein Accession#	NP_001598.1
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](#)