

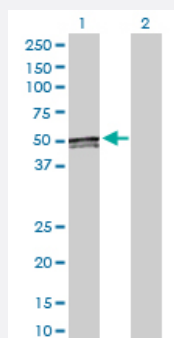
MaxPab®

ACAA1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000030-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ACAA1 expression in transfected 293T cell line ([H00000030-T02](#)) by ACAA1 MaxPab polyclonal antibody.

Lane 1: ACAA1 transfected lysate(44.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit 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 VVVHGRRTAICRAGRGGFKDTPD
ELLSAVMTAVLKDVNL RPEQLGDICVGNVLQPGAGAIMARIAQLSDIPETVPLSTVNRQCSSGLQ
AVASIAGGIRNGSYDIGMACGVESMSLADRGNPGNITSRLMEKEKARDCLIPMGITSENVAERFGIS
REKQDTFALASQQKAARAQSKGCFQAEIVPTTTVHDDKGTKRSITVTQDEGIRPSTTMEGLAKL
KPAFKKDGSTTAGNSSQVSDGAAAILLARRSKAEELGLPILGVLSYAVVGVPPDIMGIGPAYAIPV
ALQKAGLTVSDVDIFEINEAFASQAAYCVELRLPPEKVNPLGGAVLGHPLGCTGARQVITLLNE
LKRRGKRAYGVVSMCIGTGMGAAAVFEYPGN

Host

Rabbit

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](#)

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](#)