

DNAXPab

Hard-to-Find
Antibody

ACAA1 DNAXPab

Catalog # H00000030-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ACAA1 DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence MQRLQVVLGHLRGPADSGWMPQAAPCLSGAPQASAADV V V V HGRRTAICRAGRGGFKDTPD
ELLSAVMTAVLKDVNLRPEQLGDICVGNVLQPGAGAIMARIAQLSDIPETVPLSTVNRQCSSGLQ
AVASIAGGIRNGSYDIGMACGVESMSLADRGNPGNITSRLMEKEKARDCLIPMGITSENV AERFGIS
REKQDTFALASQQKAARAQSKGCFQAEIVPTTTVHDDKGTKRSITVTQDEGIRPSTTMEGLAKL
KPAFKKDGSTTAGNSSQVSDGAAAILLARRSKAEELGLPILGVLSYAVVGVPPDIMGIGPAYAIPV
ALQKAGLTVSDVDIFEINEAFASQAAYCVEKLRLPPEKVNPLGGAVALGHPLGCTGARQVITLLNE
LKRRGKRAYGVVSMCIGTGMGAAAVFEYPGN

Host Rabbit

Reactivity Human

Interspecies Antigen Sequence Mouse (85); Rat (86)

Purification Protein A

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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)