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 te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MQRLQVVLGHLRGPADSGWMPQAAPCLSGAPQASAADVVVVHGRRTAICRAGRGGFKDTTPD ELLSAVMTAVLKDVNLRPEQLGDICVGNVLQPGAGAIMARIAQFLSDIPETVPLSTVNRQCSSGLQ AVASIAGGIRNGSYDIGMACGVESMSLADRGNPGNITSRLMEKEKARDCLIPMGITSENVAERFGIS REKQDTFALASQQKAARAQSKGCFQAEIVPVTTTVHDDKGTKRSITVTQDEGIRPSTTMEGLAKL KPAFKKDGSTTAGNSSQVSDGAAAILLARRSKAEELGLPILGVLRSYAVVGVPPDIMGIGPAYAIPV 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

- Flow Cytometry (Transfected cell)

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- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (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

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

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