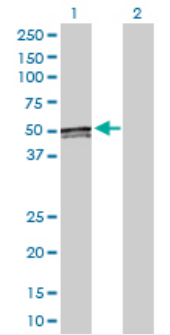
MaxPab®

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	MQRLQVVLGHLRGPADSGWMPQAAPCLSGAPQASAADVVVVHGRRTAICRAGRGGFKDTTPD ELLSAVMTAVLKDVNLRPEQLGDICVGNVLQPGAGAIMARIAQFLSDIPETVPLSTVNRQCSSGLQ AVASIAGGIRNGSYDIGMACGVESMSLADRGNPGNITSRLMEKEKARDCLIPMGITSENVAERFGIS REKQDTFALASQQKAARAQSKGCFQAEIVPVTTTVHDDKGTKRSITVTQDEGIRPSTTMEGLAKL KPAFKKDGSTTAGNSSQVSDGAAAILLARRSKAEELGLPILGVLRSYAVVGVPPDIMGIGPAYAIPV ALQKAGLTVSDVDIFEINEAFASQAAYCVEKLRLPPEKVNPLGGAVALGHPLGCTGARQVITLLNE 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

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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

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- 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

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