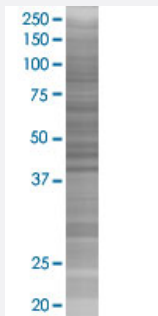


ACAA1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000030-T02

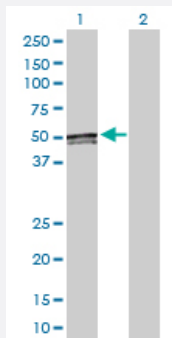
Size 100 uL

Applications



SDS-PAGE Gel

ACAA1 transfected lysate.



Western Blot

Lane 1: ACAA1 transfected lysate (44.30 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ACAA1 full-length
Host	Human
Theoretical MW (kDa)	44.3
Interspecies Antigen Sequence	Mouse (85); Rat (86)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ACAA1 antibody ([H00000030-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 ACAA1 transfected lysate.
 Western Blot
 Lane 1: ACAA1 transfected lysate (44.30 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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](#)