

ACAA1 Antibody

Acetyl-CoA Acyltransferase, Mouse Anti Human
ABM0001

Product Overview

Name ACAA1 Antibody

Description

Acetyl-CoA Acyltransferase, Mouse Anti Human

Synonyms

ACAA, PTHIO, THIO.

Introduction

ACAA1 is part of the thiolase family of enzymes and is takes part in lipid metabolism. ACAA1 enzyme is localized to the peroxisome and catalyzes the conversion of acyl-CoA and acetyl-CoA to 3-oxoacyl-CoA in the fatty acid oxidation pathway. ACAA1 shows high enzymatic activity in liver, kidney, intestine and white adipose tissue in rats. ACAA1 deficiency causes pseudo-Zellweger syndrome.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

ACAA1 1mg/ml protein solution contains 20mM Tris pH-8, 0.1M NaCl, 1mM DTT & 20% glycerol.

Stability

ACAA1 Human although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MLGAPQASA ADVVVVHGRR TAICRAGRGG FKDTTPDELL SAVMTAVLKD
VNLRPEQLGD ICVGNVLQPG AGAIMARIAQ FLSDIPETVP LSTVNRQCSS GLQAVASIAG GIRNGSYDIG
MACGVESMSL ADRGNPGNIT SRLMEKEKAR DCLIPMGITS ENVAERFGIS REKQDTFALA SQQKAARAQS
KGCFQAEIVP VTTTVHDDKG TKRSITVTQD EGIRPSTTME GLAKLKPAFK KDGSTTAGNS SQVSDGAAAI
LLARRSKAEE LGLPILGVLR SYAVVGVPD IMGIGPAYAI PVALQKAGLT VSDVDIFEIN EAFASQAAYC
VEKLRLPPEK VNPLGGAVAL GHPLGCTGAR QVITLLNELK RRGKRAYGVV SMCIGTGMGA AAVFEYPGN.

Precautions

ACAA1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.