

ACAT2 Antibody

*Acetyl-Coenzyme A acetyltransferase 2, Mouse Anti Human
ABM0004*

Product Overview

Name ACAT2 Antibody

Description

Acetyl-Coenzyme A acetyltransferase 2, Mouse Anti Human

Synonyms

Acetyl-CoA acetyltransferase cytosolic, Cytosolic acetoacetyl-CoA thiolase, ACAT2, Acetyl CoA transferase-like protein, ACAT-2.

Introduction

ACAT2 enzyme participates in lipid metabolism. ACAT2 takes part in lipoprotein assembly, catalyzing cholesterol esterification in mammalian cells. ACAT2 is an integral membrane protein that localizes to the endoplasmic reticulum of human intestinal cells. ACAT2 deficiency contributes to severe mental retardation and hypotonus.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

ACAT2 Human solution containing 20mM Tris pH-8, 0.1M NaCl, 1mM DTT and 20% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS MNAG SDPVVIVSAA RTIIGSFNGA LAAVPVQDLG
STVIKEVLKR ATVAPEDVSE VIFGHVLAAG CGQNPVRQAS VGAGIPYSVP AWSCQMICGS GLKAVCLAVQ
SIGIGDSSIV VAGGMENMSK APLAYLRTG VKIGEMPLTD SILCDGLTDA FHNCHMGITA ENVAKKWQVS
REDQDKVAVL SQNRTENAQK AGHFDKEIVP VLVSTRKGLI EVKTDEFPRH GSNIEAMSKL KPYFLTDGTG
TVTPANASGI NDGAAVVLM KKSEADKRGL TPLARIVSWS QVGVEPSIMG IGPIPAIKQA VTKAGWSLED
VDIFEINEAF AAVSAAIVKE LGLNPEKVNI EGGAIALGHP LGASGCRILV TLLHTLERMG RSRGVAALCI

GGGMGIAMCV QR.

Precautions

ACAT2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.