

ACAT1 Human

Acetyl-Coenzyme A acetyltransferase 1 Human Recombinant
ENZ0017

Product Overview

Name ACAT1 Human

Description

Acetyl-Coenzyme A acetyltransferase 1 Human Recombinant

Accession (Primary) [P24752](#)

Immunogen

Anti-human ACAT2 mAb, clone PAT55D5AT, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human ACAT2 protein 1-397 amino acids purified from E. coli.

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.

Physical Appearance

Sterile filtered colorless solution.

Formulation

1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.

Applications

The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution is 1:1000.

Type

Mouse Anti Human Monoclonal.

Clone

PAT55D5AT.

Ig Subclass

Mouse IgG 2b heavy chain and k light chain.

Purification Method

ACAT2 antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.

Storage Procedures

For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Stability / Shelf Life

12 months at -20°C. 1 month at 4°C.

Precautions

ACAT1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([P24752](#))