

ACADVL Human

Acyl-CoA Dehydrogenase, Very Long Chain Human Recombinant
ENZ0016

Product Overview

Name ACADVL Human

Description

Acyl-CoA Dehydrogenase, Very Long Chain Human Recombinant

Accession (Primary) [P49748](#)

Immunogen

Anti-human ACAT1 mAb, clone PAT2C5A, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human ACAT1 protein.

Synonyms

Acetyl-CoA acetyltransferase, mitochondrial, EC 2.3.1.9, Acetoacetyl-CoA thiolase, T2, ACAT1, ACAT, MAT, THIL.

Introduction

Acetoacetyl-CoA thiolase (ACAT1) is an enzyme member of the membrane-bound acyltransferase family and Sterol o-acyltransferase subfamily. The ACAT1 enzyme catalyzes the reversible formation of acetoacetyl-CoA from 2 molecules of acetyl-CoA. ACAT1 plays a part in lipoprotein compilation and dietary cholesterol absorption. Added to its acyltransferase activity, ACAT1 acts as a ligase.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.01% 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

PAT2C5A.

Ig Subclass

Mouse IgG1 heavy chain and Kappa light chain.

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

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

Target Information: ([P49748](#))