

## ACOT7 Antibody

*Acyl-Coenzyme A Thioesterase 7, Mouse Anti Human  
ABM0006*

### Product Overview

Name ACOT7 Antibody

#### Description

Acyl-Coenzyme A Thioesterase 7, Mouse Anti Human

#### Synonyms

Cytosolic acyl coenzyme A thioester hydrolase, Acyl-CoA thioesterase 7, Brain acyl-CoA hydrolase, BACH, CTE-IIa, CTE-II, Long chain acyl-CoA thioester hydrolase, ACOT7, ACT, ACH1, LACH, LACH1, hBACH, RP1-120G22.10.

#### Introduction

Acyl-CoA Thioesterase 7 (ACOT7) belongs to the acyl coenzyme family. ACOT7 hydrolyzes the CoA thioester of palmitoyl-CoA and other long-chain fatty acids. Decreased expression of the ACOT7 protein may be linked to mesial temporal lobe epilepsy.

#### Source

Escherichia Coli.

#### Physical Appearance

Sterile Filtered colorless solution.

#### Formulation

The ACOT7 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1mM DTT and 0.15M NaCl.

#### 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

MGSSHHHHHH SSGLVPRGSH MARPGLIHS PGLPDTCALL QPPAASAAAA PSMSGPDVET PSAIQICRIM  
RPDDANVAGN VHGGTILKMI EEAGAIISTR HCNSQNGERC VAALARVERT DFLSPMCIGE VAHVSAEITY  
TSKHSVEVQV NVMSENILTG AKKLTNKATL WYVPLSLKNV DKVLEVPPVV YSRQEQEEEG RKRYEAQKLE  
RMETKWRNGD IVQPVLNPEP NTVSYSQSSL IHLVGPSDCT LHGFVHGGVT MKLMDEVAGI VAARHCKTNI  
VTASVDAINF HDKIRKGCVI TISGRMTFTS NKSMEIEVLV DADPVDSSQ KRYRAASAFF TYVLSQEGR  
SLPVPQLVPE TEDEKKRFEE GKGRYLQMK KRGHAEPPQ.

## Precautions

ACOT7 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.