

## ACOT8 Antibody FITC Conjugated

Catalog No: #C05500F

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## Description

|                       |  |
|-----------------------|--|
| Product Name          | ACOT8 Antibody FITC Conjugated   |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Isotype               | IgG  |
| Purification          | Purified by Protein A.   |
| Applications          | IF   |
| Species Reactivity    | Hu Ms Rt   |
| Immunogen Description | KLH conjugated synthetic peptide derived from human ACOT8  |
| Conjugates            | FITC   |
| Target Name           | ACOT8  |
| Other Names           | ACTEIII; Acot8; ACOT8_HUMAN; acyl CoA thioesterase 8; Acyl-CoA thioesterase 8; Acyl-coenzyme A thioesterase 8; Choloyl coenzyme A thioesterase; Choloyl-coenzyme A thioesterase; hACTE III; hACTE-III; hACTEIII; HIV Nef associated acyl CoA thioesterase; HIV-Nef-associated acyl-CoA thioesterase; HNAACTE |
| Accession No.         | NCBI Gene ID10005  |
| Uniprot               | O14734   |
| GeneID                | 10005;   |
| Excitation Emission   | 494nm 518nm  |
| Concentration         | 1mg ml   |
| Formulation           | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.   |
| Storage               | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.  |

## Application Details

IF=1:50-200

## Background

Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. Acyl-coenzyme A Thioesterase 8, also known as ACOT8 may mediate Nef-induced down-regulation of CD4. It is a major thioesterase in peroxisomes and competes with BAAT (Bile acid CoA: amino acid N-acyltransferase) for bile acid-CoA substrate (such as chenodeoxycholoyl-CoA). It shows a preference for medium-length fatty acyl-CoAs and may be involved in the metabolic regulation of peroxisome proliferation.

Note: This product is for in vitro research use only