

Anti-ACOT8 Antibody (aa131-180)

Rabbit Anti Human Polyclonal Antibody Catalog # ALS18352

Specification

Anti-ACOT8 Antibody (aa131-180) - Product Information

Application WB, IHC-P, IF, E

Primary Accession

Predicted

Host

Clonality

O14734

Human

Rabbit

Polyclonal

Isotype IgG
Calculated MW 35914

Anti-ACOT8 Antibody (aa131-180) - Additional Information

Gene ID 10005

Alias Symbol ACOT8

Other Names

ACOT8, Acyl-CoA thioesterase 8, Acyl-coenzyme A thioesterase 8, ACTEIII, HNAACTE, HACTE-III, HACTEIII, PTE-1, Thioesterase II, Palmitoyl-CoA hydrolase, PTE1, Choloyl-CoA hydrolase, HTE, PTE-2, PTE2, Thioesterase III

Target/Specificity

ACOT8 Antibody detects endogenous levels of total ACOT8 protein.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-ACOT8 Antibody (aa131-180) is for research use only and not for use in diagnostic or therapeutic procedures.

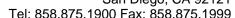
Anti-ACOT8 Antibody (aa131-180) - Protein Information

Name ACOT8

Synonyms ACTEIII, PTE1 {ECO:0000303|PubMed:100925

Function

Catalyzes the hydrolysis of acyl-CoAs into free fatty acids and coenzyme A (CoASH), regulating their respective intracellular levels (PubMed:9299485, PubMed:9153233, PubMed:15194431). Displays no strong substrate specificity with respect to the carboxylic acid moiety of Acyl-CoAs (By similarity). Hydrolyzes medium length (C2 to C20) straight-chain, saturated and unsaturated acyl-CoAS but is inactive towards substrates with longer





aliphatic chains (PubMed:9299485, PubMed:9153233). Moreover, it catalyzes the hydrolysis of CoA esters of bile acids, such as choloyl-CoA and chenodeoxycholoyl-CoA and competes with bile acid CoA:amino acid N-acyltransferase (BAAT) (By similarity). Is also able to hydrolyze CoA esters of dicarboxylic acids (By similarity). It is involved in the metabolic regulation of peroxisome proliferation (PubMed: 15194431).

Cellular Location

Peroxisome matrix. Note=Predominantly localized in the peroxisome but a localization to the cytosol cannot be excluded

Tissue Location

Detected in a T-cell line (at protein level). Ubiquitous (PubMed:9153233, PubMed:9299485)

Anti-ACOT8 Antibody (aa131-180) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-ACOT8 Antibody (aa131-180) - Images