

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	O14734
Predicted	Human
Host	Rabbit
Clonality	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](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-ACOT8 Antibody (aa131-180) - Images