Datasheet for ABIN881152

anti-ACOT8 antibody (AA 31-130) (AbBy Fluor® 488)

Go to Product page

Overview

Quantity:	100 µL
Target:	ACOT8
Binding Specificity:	AA 31-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOT8 antibody is conjugated to AbBy Fluor® 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ACOT8
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	ACOT8
Alternative Name:	ACOT8 (ACOT8 Products)
Background:	Synonyms: ACTEIII, Acot8, ACOT8_HUMAN, acyl CoA thioesterase 8, Acyl-CoA thioesterase 8,

Target Details

	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, hTE, Long chain fatty acyl CoA hydrolase, Palmitoyl CoA hydrolase, Peroxisomal acyl CoA thioesterase 1, Peroxisomal acyl coenzyme A thioester hydrolase 1, Peroxisomal acyl-coenzyme A thioester hydrolase 1, Peroxisomal long chain acyl CoA thioesterase 1, Peroxisomal long-chain acyl-CoA thioesterase 1, PTE 1, PTE 2, PTE-1, PTE-2, PTE1, PTE2, Thioesterase II. 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.
Gene ID:	10005
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months