

Datasheet for ABIN708465
anti-ACAT1 antibody (AA 201-300) (Cy5)



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Overview

Quantity:	100 µL
Target:	ACAT1
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACAT1 antibody is conjugated to Cy5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ACAT1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ACAT1
Alternative Name:	ACAT1 (ACAT1 Products)
Background:	Synonyms: ACAT 1, ACAT, Acetoacetyl CoA thiolase, Acetyl CoA acetyltransferase,

Target Details

mitochondrial, Acetyl Coenzyme A acetyltransferase 1, MAT, RATACAL, T2, THIL, THIL_HUMAN, Acetyl-CoA acetyltransferase, mitochondrial, Acetoacetyl-CoA thiolase, T2.

Background: This gene encodes a mitochondrially localized enzyme that catalyzes the reversible formation of acetoacetyl-CoA from two molecules of acetyl-CoA. Defects in this gene are associated with 3-ketothiolase deficiency, an inborn error of isoleucine catabolism characterized by urinary excretion of 2-methyl-3-hydroxybutyric acid, 2-methylacetoacetic acid, tiglylglycine, and butanone. [provided by RefSeq, Feb 2009].

Gene ID: 38

UniProt: [P24752](#)

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.

Storage: -20 °C

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

Expiry Date: 12 months