

Datasheet for ABIN5702031 **anti-ACAT1 antibody**

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Overview

Quantity:	100 µg
Target:	ACAT1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACAT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	acetyl-Coenzyme A acetyltransferase 1
Isotype:	IgG

Target Details

Target:	ACAT1
Alternative Name:	ACAT1 (ACAT1 Products)
Background:	Synonyms:ACAT, ACAT1, Acetoacetyl CoA thiolase, MAT, T2, THIL 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

Target Details

	butanone.
Molecular Weight:	17kDa,observed 45kDa
Gene ID:	38
UniProt:	P24752

Application Details

Application Notes:	WB :1:500-1:5000,IF:1:10-1:100,IHC:1:20-1:200,IP:1:200-1:2000,
Comment:	human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with FNab00072(ACAT1 antibody) at dilution of 1:500
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze / thaw cycles.
Storage:	-20 °C
Expiry Date:	12 months