

## anti- ACAT1 antibody

### Product Information

Catalog No.:	CAF50005
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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.

### Immunogen information

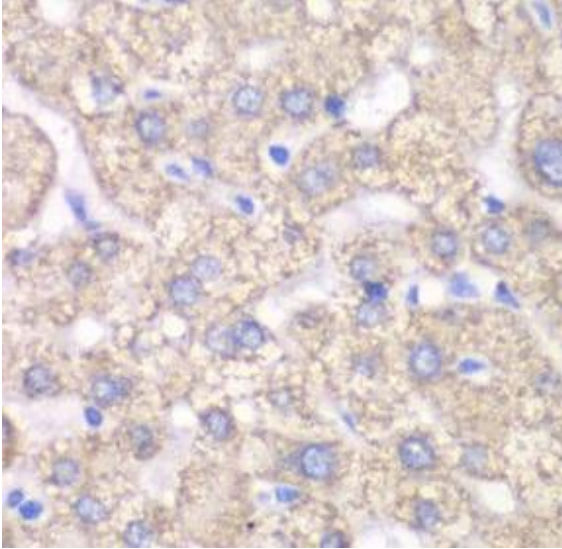
Immunogen:	acetyl-Coenzyme A acetyltransferase 1
Synonyms:	ACAT, ACAT1, Acetoacetyl CoA thiolase, MAT, T2, THIL
Observed MW:	40 kDa
Uniprot ID :	P24752

### Application

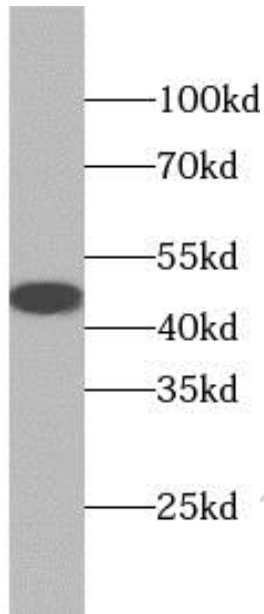
Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200
Image:	

**This Antibody is for Research Use Only. Not for Diagnostic Procedures.**

This is a sample Antibody manual only. Always refer to the hard copy manual included in the Antibody for your experiment.



Immunohistochemistry of paraffin-embedded human liver using CAF50005(ACAT1 antibody) at dilution of 1:100



human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with CAF50005(ACAT1 antibody) at dilution of 1:1000

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