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Datasheet for ABIN708470

## anti-ACAT1 antibody (AA 201-300) (HRP)

### Overview

Quantity:	100 µL
Target:	ACAT1
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACAT1 antibody is conjugated to HRP
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### 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 ( <a href="#">ACAT1 Products</a> )
Background:	Synonyms: ACAT 1, ACAT, Acetoacetyl CoA thiolase, Acetyl CoA acetyltransferase,

## Target Details

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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].

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Gene ID: 38

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UniProt: [P24752](#)

## Application Details

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Application Notes: IHC-P 1:200-400  
IHC-F 1:100-500

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

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Storage: -20 °C

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

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Expiry Date: 12 months