

Datasheet for ABIN7384408 **anti-ACAT1 antibody**



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Overview

Quantity:	50 µL
Target:	ACAT1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This ACAT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Clone:	R02-5G8
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	ACAT1
Alternative Name:	ACAT1 (ACAT1 Products)
Background:	ACAT1,ACAT,MAT,T2,THIL,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.

Target Details

Molecular Weight:	Observed_MW: 45kDa Calculated_MW: 45kDa
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Gene ID:	38
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UniProt:	P24752
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Application Details

Application Notes:	WB 1:500-1:1000
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Restrictions:	For Research Use only
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Handling

Concentration:	300 µg/mL
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Buffer:	50 mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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