



Datasheet for ABIN1537120
anti-MCAT antibody (C-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	MCAT
Binding Specificity:	AA 316-344, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCAT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MCAT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 316-344 amino acids from the C-terminal region of human MCAT.
Clone:	RB37271
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MCAT
Alternative Name:	MCAT (MCAT Products)
Background:	The protein encoded by this gene is found exclusively in the mitochondrion, where it catalyzes

Target Details

the transfer of a malonyl group from malonyl-CoA to the mitochondrial acyl carrier protein. The encoded protein may be part of a fatty acid synthase complex that is more like the type II prokaryotic and plastid complexes rather than the type I human cytosolic complex. Two transcript variants encoding different isoforms have been found for this gene.

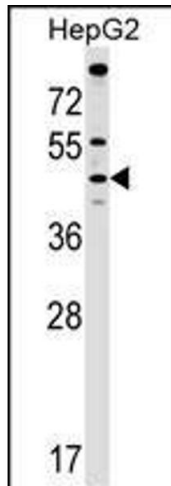
Molecular Weight:	42962
Gene ID:	27349
NCBI Accession:	NP_055322 , NP_775738
UniProt:	Q8IVS2

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	MCAT Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. MCAT Antibody (C-term) (ABIN1537120 and ABIN2848904) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the MCAT antibody detected the MCAT protein (arrow).