



Datasheet for ABIN7258714  
**anti-MCAT antibody**



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1 Image

Overview

Quantity:	200 µL
Target:	MCAT
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCAT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human MCAT (NP_775738.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	MCAT
Alternative Name:	MCAT ( <a href="#">MCAT Products</a> )
Background:	The protein encoded by this gene is found exclusively in the mitochondrion, where it catalyzes 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. Alternative

## Target Details

splicing results in multiple transcript variants encoding different isoforms.

Molecular Weight: Observed\_MW: 43 kDa  
Calculated\_MW: 19 kDa/42 kDa

Gene ID: 27349

UniProt: [Q8IVS2](#)

## Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

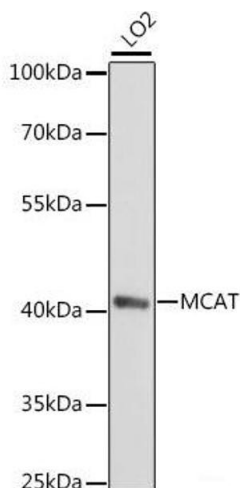
Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Western Blotting

**Image 1.** Western blot analysis of extracts of LO2 cells using MCAT Polyclonal Antibody at dilution of 1:1000.