



[Go to Product page](#)

Datasheet for ABIN7268385
anti-MCAT antibody (AA 191-390)

1 Image

Overview

Quantity:	100 µL
Target:	MCAT
Binding Specificity:	AA 191-390
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCAT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	MCAT Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 191-390 of human MCAT (NP_775738.3).
Sequence:	SGMLSVLGQP QSKFNFACLE AREHCKSLGI ENPVCEVSNY LFPDCRVISG HQEALRFLQK NSSKFHFRRT RMLPVSGAFH TRLMEPAVEP LTQALKAVDI KKPLVSVYSN VHAHRYRHPG HIHKLLAQQL VSPVKWEQTM HAIYERKKGR GFPQTFEVGP GRQLGAILKS CNMQAWKSYS AVDVLQTLEH VLDLPQEPPR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Product Details

Purification: 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 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 splicing results in multiple transcript variants encoding different isoforms.,MCAT,FASN2C,MCT,MCT1,MT,NET62,fabD,Signal Transduction,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Lipid Metabolism,Cardiovascular,Lipids,Fatty Acids,MCAT

Molecular Weight: 19kDa/42kDa

Gene ID: 27349

UniProt: [Q8IVS2](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

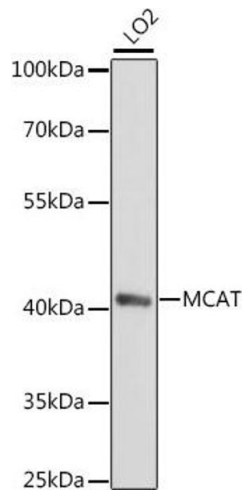
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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.



Western Blotting

Image 1. Western blot analysis of extracts of LO2 cells, using MCAT antibody (ABIN7268385) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.