

## Rabbit MCAT Polyclonal Antibody | anti-MCAT antibody

MCAT Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA233838</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

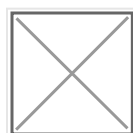
### PRODUCT SYNONYMS

MCAT; Polyclonal Antibody; MCAT Antibody; Malonyl-CoA-acyl carrier protein transacylase; mitochondrial; MCT; ACP acyltransferase; mitochondrial malonyltransferase; [Acyl-carrier-protein] malonyltransferase; MT; anti-MCAT antibody

### PRODUCT SPECIFICATIONS

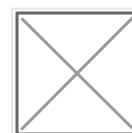
|                                                |                                                                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                              |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                   |
| Clonality                                      | Polyclonal                                                                                                                                          |
| Isotype                                        | IgG                                                                                                                                                 |
| Purity/Purification                            | >95%, Protein G purified                                                                                                                            |
| Form/Format                                    | Liquid                                                                                                                                              |
| Sequence Length                                | 180                                                                                                                                                 |
| Applicable Applications for anti-MCAT antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                |
| Immunogen                                      | Recombinant Human Malonyl-CoA-acyl carrier protein transacylase, mitochondrial protein (22-117AA)<br><b>Immunogen Species:</b> Homo sapiens (Human) |
| Conjugation                                    | Non-conjugated                                                                                                                                      |
| Buffer                                         | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4                                                                    |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                                                                         |

### IMAGES



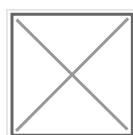
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human adrenal gland tissue using AAA233838 at dilution of 1:100



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using AAA233838 at dilution of 1:100



#### WB (Western Blot)

Western Blot Positive WB detected in: Rat heart tissue, Mouse liver tissue  
All lanes: MCAT antibody at 2.5ug/ml  
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution  
Predicted band size: 43, 20 KDa  
Observed band size: 43 KDa

ADDITIONAL INFORMATION

|                                                  |                                                                      |
|--------------------------------------------------|----------------------------------------------------------------------|
| Product Categories/Family for anti-MCAT antibody | Cardiovascular; Tags & Cell Markers; Metabolism; Signal transduction |
|--------------------------------------------------|----------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 27477045                                                               |
| NCBI GeneID                      | 27349                                                                  |
| NCBI Accession #                 | NP_055322.1                                                            |
| NCBI GenBank Nucleotide #        | NM_014507.3                                                            |
| UniProt Accession #              | Q8IVS2; O95510; O95511; B0QY72                                         |
| NCBI Official Full Name          | malonyl-CoA-acyl carrier protein transacylase, mitochondrial isoform b |
| NCBI Official Synonym Full Names | malonyl-CoA-acyl carrier protein transacylase                          |
| NCBI Official Symbol             | MCAT                                                                   |
| NCBI Official Synonym Symbols    | MT; MCT; MCT1; fabD; NET62; FASN2C                                     |
| NCBI Protein Information         | malonyl-CoA-acyl carrier protein transacylase, mitochondrial           |
| UniProt Protein Name             | Malonyl-CoA-acyl carrier protein transacylase, mitochondrial           |
| UniProt Gene Name                | MCAT                                                                   |
| UniProt Synonym Gene Names       | MT; MCT                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mcat-antibody-immunohistochemistry-western-blot-elisa/233838>