

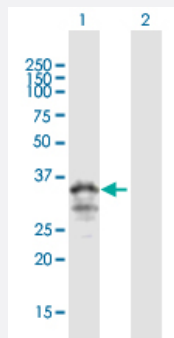
MaxPab®

# MOGAT3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00346606-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of MOGAT3 expression in transfected 293T cell line ([H00346606-T01](#)) by MOGAT3 MaxPab polyclonal antibody.

Lane1:MOGAT3 transfected lysate(37.51 KDa).

Lane2:Non-transfected lysate.

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Mouse polyclonal antibody raised against a full-length human MOGAT3 protein.                                                                                                                                                                                                                                                                                         |
| Immunogen               | MOGAT3 (NP_835470.1, 1 a.a. ~ 341 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                    |
| Sequence                | MGVATTLQPPTTSKTLQKQHLEAVGAYQYVLTFLFMGPFFSLLVFVLLFTSLWPFSVFYLVWLYVD<br>WDTPNQGGRRSEWIRNRAWRLRDYYPVKLVKTAELPPDRNYVLGAHPHGIMCTGFLCNFSTES<br>NGFSQLFPGLRPWLAVLAGLFYLPVYRDYMSFGLCPVSRQSLDFILSQPQLGQAVVIMVGAHE<br>ALYSVPGEHCLTLQKRKGFVRLALRHGASLVPVYSFGENDIFRLKAFATGSWQHWCQLTFKKLM<br>GFSPCIFWGRGLFSATSWGLLPFAVPITTVVGRPIVPQRLHPTEEEVNHYHALYMTALEQLFEEH<br>KESCGVPASTCLTFI |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                              |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                    |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                             |

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[Protocol Download](#)

## Gene Info — MOGAT3

|               |                        |
|---------------|------------------------|
| Entrez GeneID | <a href="#">346606</a> |
|---------------|------------------------|

|                     |                             |
|---------------------|-----------------------------|
| GeneBank Accession# | <a href="#">NM_178176.2</a> |
|---------------------|-----------------------------|

|                    |                             |
|--------------------|-----------------------------|
| Protein Accession# | <a href="#">NP_835470.1</a> |
|--------------------|-----------------------------|

|           |        |
|-----------|--------|
| Gene Name | MOGAT3 |
|-----------|--------|

|            |                                           |
|------------|-------------------------------------------|
| Gene Alias | DC7, DGAT2L7, MGAT3, MGC119203, MGC119204 |
|------------|-------------------------------------------|

|                  |                                      |
|------------------|--------------------------------------|
| Gene Description | monoacylglycerol O-acyltransferase 3 |
|------------------|--------------------------------------|

|         |                        |
|---------|------------------------|
| Omim ID | <a href="#">610184</a> |
|---------|------------------------|

|               |                           |
|---------------|---------------------------|
| Gene Ontology | <a href="#">Hyperlink</a> |
|---------------|---------------------------|

|              |                                                                                                                                                                                                               |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Summary | Acyl-CoA:monoacylglycerol acyltransferase (MOGAT; EC 2.3.1.22) catalyzes the synthesis of diacylglycerol from 2-monoacylglycerol and fatty acyl-CoA (Cheng et al., 2003 [PubMed 12618427]).[supplied by OMIM] |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                    |                                                    |
|--------------------|----------------------------------------------------|
| Other Designations | acyl coenzyme A:monoacylglycerol acyltransferase 3 |
|--------------------|----------------------------------------------------|