

MBOAT1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57222**Specification****MBOAT1 Polyclonal Antibody - Product Information**

| | |
|-------------------|------------------------|
| Application | WB |
| Primary Accession | Q6ZNC8 |
| Reactivity | Rat, Pig, Dog, Bovine |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 56557 |

MBOAT1 Polyclonal Antibody - Additional Information**Gene ID** 154141**Other Names**

Lysophospholipid acyltransferase 1, LPLAT 1, 1-acylglycerophosphocholine O-acyltransferase, 2.3.1.23, 1-acylglycerophosphoethanolamine O-acyltransferase, 2.3.1.n6, Lysophosphatidylserine acyltransferase, LPSAT, Lyso-PS acyltransferase, Membrane-bound O-acyltransferase domain-containing protein 1, O-acyltransferase domain-containing protein 1, MBOAT1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=21579), OACT1

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

MBOAT1 Polyclonal Antibody - Protein Information**Name** MBOAT1 ([HGNC:21579](#))**Synonyms** OACT1**Function**

Acyltransferase which catalyzes the transfer of an acyl group from an acyl-CoA towards a lysophospholipid producing a phospholipid and participates in the reacylation step of the phospholipid remodeling pathway also known as the Lands cycle (PubMed: [18772128](http://www.uniprot.org/citations/18772128)). Acts on lysophosphatidylserine (1-acyl-2-hydroxy-sn-glycero-3-phospho-L-serine or LPS) and lysophosphatidylethanolamine (1-acyl-sn-glycero-3-phosphoethanolamine or LPE), and to a lesser extent lysophosphatidylcholine (PubMed: [18772128](http://www.uniprot.org/citations/18772128)). Prefers oleoyl-CoA as the acyl donor and 1-oleoyl-LPE as acceptor (PubMed: [18772128](http://www.uniprot.org/citations/18772128))

target="_blank">18772128). May play a role in neurite outgrowth during neuronal differentiation (By similarity).

Cellular Location

Membrane; Multi-pass membrane protein

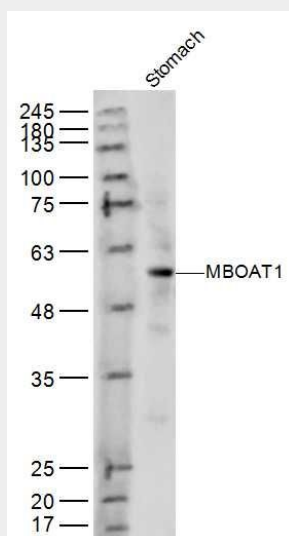
Tissue Location

Expressed in neutrophils.

MBOAT1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MBOAT1 Polyclonal Antibody - Images**Sample:**

Stomach (Mouse) Lysate at 40 ug

Primary: Anti-MBOAT1 (bs-18708R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 57 kD

Observed band size: 57 kD