

MOGT1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56802**Specification**

MOGT1 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	Q96PD6
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38812

MOGT1 Polyclonal Antibody - Additional Information**Gene ID** 116255**Other Names**

2-acylglycerol O-acyltransferase 1, 2.3.1.22, Acyl-CoA:monoacylglycerol acyltransferase 1, MGAT1, Diacylglycerol O-acyltransferase candidate 2, hDC2, Diacylglycerol acyltransferase 2-like protein 1, Monoacylglycerol O-acyltransferase 1, MOGAT1 ([target="_blank">HGNC:18210](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=18210)), DC2, DGAT2L1

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.

MOGT1 Polyclonal Antibody - Protein Information**Name** MOGAT1 ([HGNC:18210](#))**Synonyms** DC2, DGAT2L1**Function**

Involved in glycerolipid synthesis and lipid metabolism. Catalyzes the formation of diacylglycerol, the precursor of triacylglycerol, by transferring the acyl chain of a fatty acyl-CoA to a monoacylglycerol, mainly at the sn-1 or sn-3 positions. It uses both sn-2-monoacylglycerol (2-acylglycerol) and sn-1-monoacylglycerol (1- acyl-sn-glycerol) equally well as substrates, and uses sn-3- monoacylglycerol (3-acyl-sn-glycerol) with lower efficiency. Probably not involved in absorption of dietary fat in the small intestine.

Cellular Location

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q91ZV4}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q91ZV4}

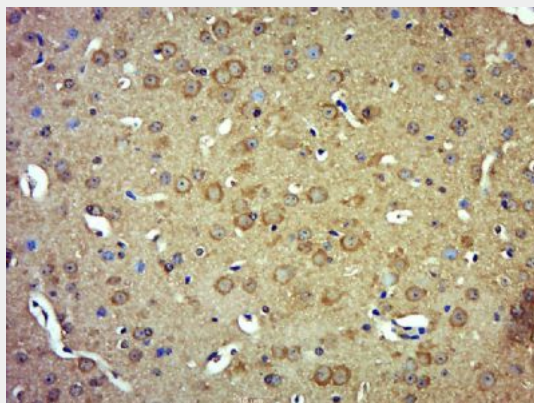
Tissue Location

Expressed in stomach and liver.

MOGT1 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](#)

MOGT1 Polyclonal Antibody - Images

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MOGT1) Polyclonal Antibody, Unconjugated (bs-17707R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.