

## Product datasheet for **AP52722PU-N**

### **MOGT1 (MOGAT1) (C-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/1000. <b>Flow Cytometry:</b> 1/10-1/50. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 305-335 amino acids from the C-terminal region of Human MOGT1.
Specificity:	This antibody recognizes Human MOGT1 (C-term). Other species not tested.
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	monoacylglycerol O-acyltransferase 1
Database Link:	<a href="#">Entrez Gene 116255 Human</a> <a href="#">Q96PD6</a>



[View online »](#)

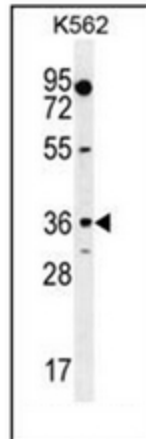
**Background:** Acyl-CoA:monoacylglycerol acyltransferase (MOGAT; EC 2.3.1.22) catalyzes the synthesis of diacylglycerols, the precursor of physiologically important lipids such as triacylglycerol and phospholipids (Yen et al., 2002 [PubMed 12077311]). [supplied by OMIM].

**Synonyms:** DC2, DGAT2L1, 2-acylglycerol O-acyltransferase 1, hDC2

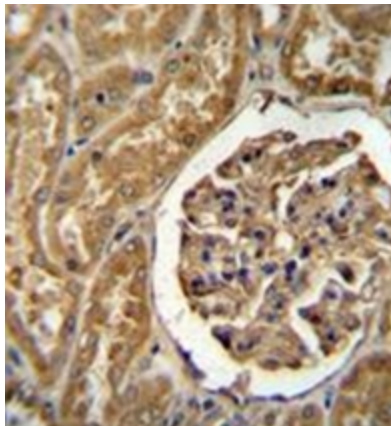
**Note:** **Molecular Weight:** 38812 Da

**Protein Families:** Transmembrane

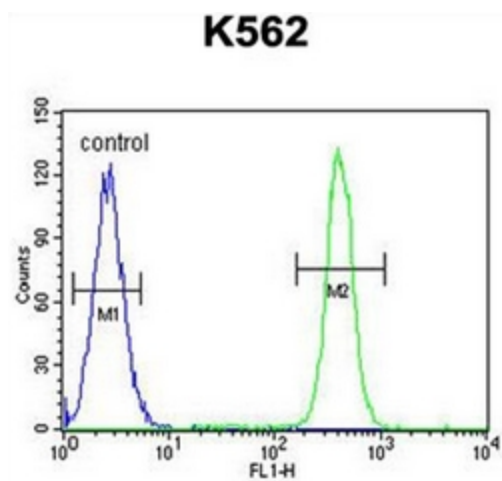
### Product images:



Western blot analysis of MOGT1 Antibody (C-term) in K562 cell line lysates (35ug/lane). This demonstrates the MOGT1 antibody detected the MOGT1 protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue reacted with MOGT1 Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Flow cytometric analysis of K562 cells using MOGT1 Antibody (C-term) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.