



Anti-MOGAT3 (aa 59-107) polyclonal antibody (DPAB-DC1676)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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, Mar 2008]
Immunogen	MOGAT3 (NP_835470, 59 a.a. ~ 107 a.a) partial recombinant protein with GST tag. The sequence is YLVWLYVDWDTPNQGGRRSEWIRNRAIWRQLRDYYPVKLVKTAELPPDR
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MOGAT3 monoacylglycerol O-acyltransferase 3 [Homo sapiens (human)]
Official Symbol	MOGAT3

Synonyms	MOGAT3; monoacylglycerol O-acyltransferase 3; DC7; MGAT3; DGAT2L7; 2-acylglycerol O-acyltransferase 3; acyl-CoA:monoacylglycerol acyltransferase 3; diacylglycerol O-acyltransferase candidate 7; diacylglycerol acyltransferase 2-like protein 7; acyl coenzyme A:monoacylglycerol acyltransferase 3;
Entrez Gene ID	346606
Protein Refseq	NP_001274076
UniProt ID	Q86VF5
Chromosome Location	7q22.1
Pathway	Fat digestion and absorption; Glycerolipid metabolism; Triacylglyceride Synthesis; Triacylglycerol biosynthesis.
Function	2-acylglycerol O-acyltransferase activity; diacylglycerol O-acyltransferase activity;