

Anti-MOGT3 antibody



Description	Unconjugated Rabbit polyclonal to MOGT3
Model	STJ190452
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human MOGT3 protein.
Immunogen Region	10-90aa
Gene ID	346606
Gene Symbol	MOGAT3
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	MOGT3 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Selectively expressed in the digestive system. Highly expressed in the ileum, and at lower level in jejunum, duodenum, colon, cecum and the rectum. Not expressed in the stomach and the esophagus and trachea. Expressed at very low level in liver.
Purification	MOGT3 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	2-acylglycerol O-acyltransferase 3 Acyl-CoA:monoacylglycerol acyltransferase 3 MGAT3 Diacylglycerol O-acyltransferase candidate 7 hDC7 Diacylglycerol acyltransferase 2-like protein 7 Monoacylglycerol O-

	acyltransferase 3
Molecular Weight	37 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:23249OMIM:610184
Alternative Names	2-acylglycerol O-acyltransferase 3 Acyl-CoA:monoacylglycerol acyltransferase 3 MGAT3 Diacylglycerol O-acyltransferase candidate 7 hDC7 Diacylglycerol acyltransferase 2-like protein 7 Monoacylglycerol O-acyltransferase 3
Function	Catalyzes the formation of diacylglycerol from 2-monoacylglycerol and fatty acyl-CoA. Also able to catalyze the terminal step in triacylglycerol synthesis by using diacylglycerol and fatty acyl-CoA as substrates. Has a preference toward palmitoyl-CoA and oleoyl-CoA. May be involved in absorption of dietary fat in the small intestine by catalyzing the resynthesis of triacylglycerol in enterocytes.
Cellular Localization	Endoplasmic reticulum membrane