

Product datasheet for **AP11156PU-N**

Mogat2 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000. Western blot: 1/50-1/100.
Reactivity:	Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of mouse MOGT2.
Specificity:	This antibody is specific to Mouse MOGT2 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein A Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody 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 2
Database Link:	Entrez Gene 233549 Mouse Q80W94



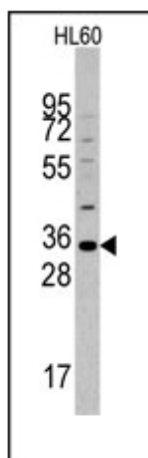
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Background:

MOGT2 catalyzes the formation of diacylglycerol from 2-monoacylglycerol and fatty acyl-CoA. It exhibits a preference toward monoacylglycerols containing unsaturated fatty acids in the order of C18:3 > C18:2 > C18:1 > C18:0. This protein plays a central role in absorption of dietary fat in the small intestine by catalyzing the resynthesis of triacylglycerol in enterocytes. MOGT2 may play a role in diet-induced obesity.

Synonyms:

2-acylglycerol O-acyltransferase 2, DC5, DGAT2L5, hDC5, hMGAT2

Product images:

Western blot analysis of mouse MOGT2 Antibody (C-term) in HL60 cell line lysates (35ug/lane). MOGT2 (arrow) was detected using the purified Pab (1:60 dilution).