

Product datasheet for **TA338697**

MOGAT2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-MOGAT2 antibody: synthetic peptide directed towards the middle region of human MOGAT2. Synthetic peptide located within the following region: LLGIIVGGAQEALDARPGSFTLLLRNRKGFVRLALTHGAPLVPIFSFGEN
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	38 kDa
Gene Name:	monoacylglycerol O-acyltransferase 2
Database Link:	NP_079374 Entrez Gene 80168 Human Q3SYC2



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Background:	Dietary fat absorption from the small intestine is facilitated by acyl-CoA:monoacylglycerol transferase (MOGAT) and acyl-CoA:diacylglycerol acyltransferase (DGAT) activities. MOGAT catalyzes the joining of monoacylglycerol and fatty acyl-CoAs to form diacylglycerol. Dietary fat absorption from the small intestine is facilitated by acyl-CoA:monoacylglycerol transferase (MOGAT; EC 2.3.1.22) and acyl-CoA:diacylglycerol acyltransferase (DGAT; see MIM 604900) activities. MOGAT catalyzes the joining of monoacylglycerol and fatty acyl-CoAs to form diacylglycerol (Yen and Farese, 2003 [PubMed 12621063]). [supplied by OMIM]
Synonyms:	DGAT2L5; DGAT2L5.; hDC5; MGAT2
Note:	Immunogen Sequence Homology: Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Dog: 92%; Pig: 92%; Bovine: 92%; Guinea pig: 86%; Horse: 85%; Zebrafish: 85%; Yeast: 77%
Protein Families:	Transmembrane

Product images:

WB Suggested Anti-MOGAT2 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive
Control: Human Liver