

Rabbit anti-Human MOGT3 Polyclonal Antibody | anti-MOGAT3 antibody

MOGT3 Antibody (C-term)

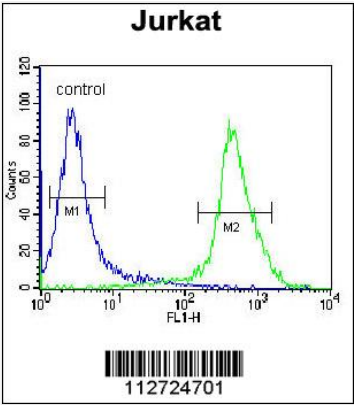
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287580	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

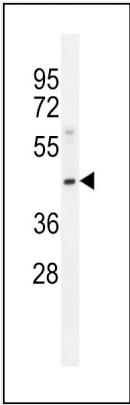
MOGT3; Polyclonal Antibody; MOGT3 Antibody (C-term); 2-acylglycerol O-acyltransferase 3; Acyl-CoA:monoacylglycerol acyltransferase 3; MGAT3; Diacylglycerol O-acyltransferase candidate 7; hDC7; Diacylglycerol acyltransferase 2-like protein 7; Monoacylglycerol O-acyltransferase 3; MOGAT3; DC7; DGAT2L7; anti-MOGAT3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MOGT3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 295-329 amino acids from the C-terminal region of human MOGT3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	295-329
Sequence Length	344
Applicable Applications for anti-MOGAT3 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
MOGT3 Antibody (C-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
MOGT3 Antibody (C-term) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the MOGT3 antibody detected the MOGT3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MOGAT3 antibody	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]).
Product Categories/Family for anti-MOGAT3 antibody	Signal Transduction
References	Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) Cheng, D., et al. J. Biol. Chem. 278(16):13611-13614(2003) Winter, A., et al. Cytogenet. Genome Res. 102 (1-4), 42-47 (2003) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	30039700
NCBI GeneID	346606
NCBI Accession #	NP_835470.1
NCBI GenBank Nucleotide #	NM_178176.3
UniProt Accession #	Q86VF5; Q496A6; Q496A7; Q496A8; Q9UDW7
Molecular Weight	38730
NCBI Official Full Name	2-acylglycerol O-acyltransferase 3 isoform a
NCBI Official Synonym Full Names	monoacylglycerol O-acyltransferase 3
NCBI Official Symbol	MOGAT3
NCBI Official Synonym Symbols	DC7; MGAT3; DGAT2L7
NCBI Protein Information	2-acylglycerol O-acyltransferase 3
UniProt Protein Name	2-acylglycerol O-acyltransferase 3
UniProt Gene Name	MOGAT3
UniProt Synonym Gene Names	DC7; DGAT2L7; MGAT3; hDC7
UniProt Entry Name	MOGT3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mogt3-antibody-flow-cytometry-western-blot-elisa/287580>