

Datasheet for ABIN655264
anti-MOGAT1 antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	MOGAT1
Binding Specificity:	AA 303-335, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MOGAT1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MOGT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 303-335 amino acids from the C-terminal region of human MOGT1.
Clone:	RB12308
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MOGAT1
Alternative Name:	MOGT1 (MOGAT1 Products)

Target Details

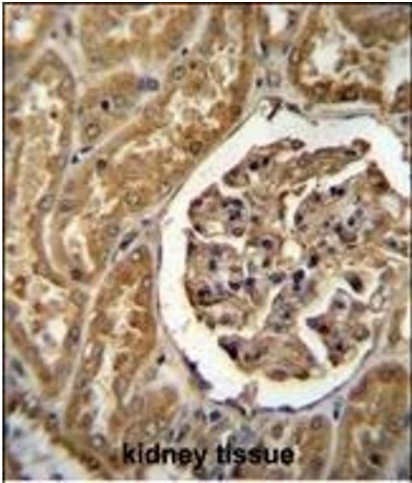
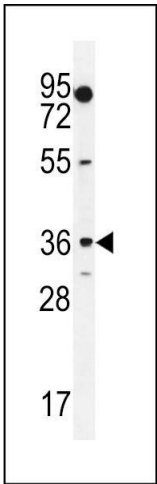
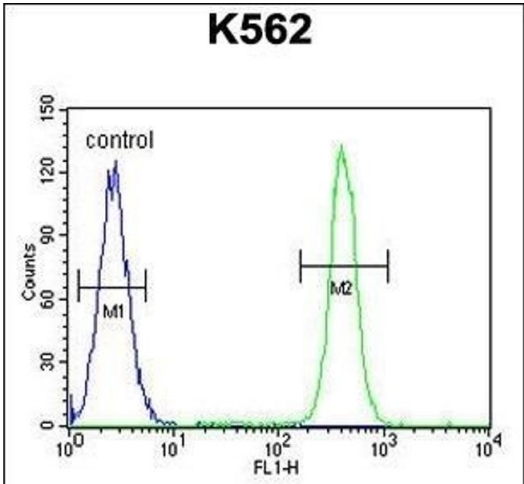
Background:	Acyl-CoA:monoacylglycerol acyltransferase (MOGAT, EC 2.3.1.22) catalyzes the synthesis of diacylglycerols, the precursor of physiologically important lipids such as triacylglycerol and phospholipids (Yen et al., 2002 [PubMed 12077311]).[supplied by OMIM].
Molecular Weight:	38812
Gene ID:	116255
NCBI Accession:	NP_477513
UniProt:	Q96PD6

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. MOGT1 Antibody (C-term) (ABIN655264 and ABIN2844857) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. MOGT1 Antibody (C-term) (ABIN655264 and ABIN2844857) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the MOGT1 antibody detected the MOGT1 protein (arrow).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. MOGT1 Antibody (C-term) (ABIN655264 and ABIN2844857) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MOGT1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.