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anti-MOGAT1 antibody (AA 163-246)

3 Images



Go to Product page

Overview

Quantity:	100 μg
Target:	MOGAT1
Binding Specificity:	AA 163-246
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MOGAT1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human 2-acylglycerol O-acyltransferase 1 protein (163-246AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MOGAT1
Alternative Name:	MOGAT1 (MOGAT1 Products)
Background:	Background: Catalyzes the formation of diacylglycerol from 2-monoacylglycerol and fatty acyl- CoA. Probably not involved in absorption of dietary fat in the small intestine (By similarity).

Target Details

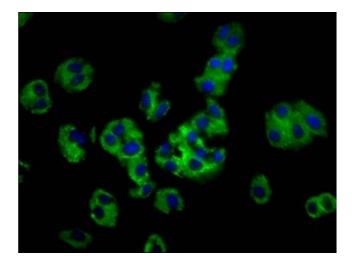
Aliases: 0610030A14Rik antibody, 1110064N14Rik antibody, 2-acylglycerol O-acyltransferase 1 antibody, Acyl CoA:monoacylglycerol acyltransferase 1 antibody, Acyl-CoA:monoacylglycerol acyltransferase 1 antibody, DGAT2L antibody, DGAT2L1 antibody, Diacylglycerol acyltransferase 2 like antibody, Diacylglycerol acyltransferase 2-like protein 1 antibody, Diacylglycerol O acyltransferase 2 like 1 antibody, Diacylglycerol O-acyltransferase candidate 2 antibody, hDC2 antibody, mDC2 antibody, MGAT1 antibody, MGC118035 antibody, MOGAT1 antibody, MOGT1 antibody, MOGT1_HUMAN antibody, Monoacylglycerol O acyltransferase 1 antibody, Monoacylglycerol O-acyltransferase 1 antibody, OTTMUSP00000025181 antibody

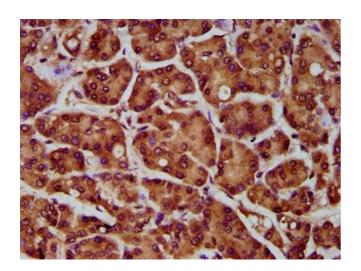
UniProt:

Q96PD6

Application Details

Application Notes:	Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7142134 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Immunohistochemistry

Image 2. IHC image of ABIN7142134 diluted at 1:300 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Immunohistochemistry

Image 3. IHC image of ABIN7142134 diluted at 1:300 and staining in paraffin-embedded human pancreatic cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.