

Datasheet for ABIN2784111
anti-MOGAT1 antibody (C-Term)

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MOGAT1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Pig, Guinea Pig, Cow, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MOGAT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human MOGAT1
Sequence:	PIPVRQTLNP TQEIQEELHQ TYMEELRKLF EEHKGKYGIP EHETLVLK
Predicted Reactivity:	Cow: 93%, Dog: 92%, Guinea Pig: 86%, Horse: 79%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against MOGAT1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MOGAT1
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Target Details

Alternative Name:	MOGAT1 (MOGAT1 Products)
Background:	<p>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. 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].</p> <p>PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-48 AF384163.1 1-48 49-1056 BN000154.1 1-1008 1057-1096 AF384163.1 1054-1093</p> <p>Alias Symbols: DGAT2L, DGAT2L1, MGAT1</p> <p>Protein Size: 335</p>
Molecular Weight:	39 kDa
Gene ID:	116255
NCBI Accession:	NM_058165 , NP_477513
UniProt:	Q96PD6

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 335 AA
Restrictions:	For Research Use only

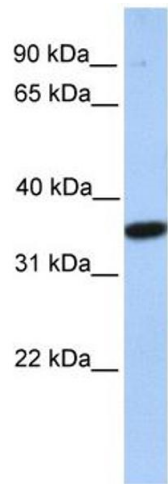
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

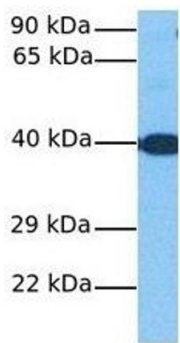
Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



MOGAT1



Western Blotting

Image 1. WB Suggested Anti-MOGAT1 Antibody Titration:
0.2-1 ug/ml Positive Control: Human Liver

Western Blotting

Image 2. Host: Rabbit Target Name: MOGAT1 Sample
Tissue: Human Fetal Liver Antibody Dilution: 1.0ug/ml