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Datasheet for ABIN2783968

## anti-MOGAT2 antibody (Middle Region)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	MOGAT2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Pig, Cow, Dog, Rabbit, Horse, Saccharomyces cerevisiae, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MOGAT2 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MOGAT2
Sequence:	LLGIIVGGAQ EALDARPGSF TLLLRNRKGF VRLALTHGAP LVPIFSFGEN
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 86%, Horse: 85%, Human: 100%, Mouse: 100%, Pig: 92%, Rabbit: 100%, Rat: 100%, Yeast: 77%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against MOGAT2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

#### Target Details

Target:	MOGAT2
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## Target Details

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Alternative Name:	MOGAT2 ( <a href="#">MOGAT2 Products</a> )
Background:	<p>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].</p> <p>Alias Symbols: DGAT2L5, FLJ22644, MGAT2, MGC119183, MGC119184, MGC119185</p> <p>Protein Size: 334</p>
Molecular Weight:	38 kDa
Gene ID:	80168
NCBI Accession:	<a href="#">NM_025098</a> , <a href="#">NP_079374</a>
UniProt:	<a href="#">Q3SYC2</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 334 AA
Restrictions:	For Research Use only

## Handling

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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

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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

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### Western Blotting

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