

Datasheet for ABIN2783413
anti-MBOAT1 antibody (N-Term)

3 Images

1 Publication

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MBOAT1
Binding Specificity:	N-Term
Reactivity:	Human, Horse, Rabbit, Rat, Mouse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MBOAT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MBOAT1
Sequence:	AAEPQPSSLS YRTTGSTYLH PLSLLGIPL DQVNFVVCQL VALFAAFWFR
Predicted Reactivity:	Horse: 100%, Human: 100%, Mouse: 91%, Pig: 93%, Rabbit: 86%, Rat: 91%
Characteristics:	This is a rabbit polyclonal antibody against MBOAT1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MBOAT1
---------	--------

Target Details

Alternative Name:	MBOAT1 (MBOAT1 Products)
Background:	<p>MBOAT1 shares structural similarity with a superfamily of membrane-bound O-acetyltransferases that transfer organic compounds, usually fatty acids (e.g., cholesterol, diacylglycerol, palmitoyl), onto hydroxyl groups of membrane-embedded targets. MBOAT1 shares structural similarity with a superfamily of membrane-bound O-acetyltransferases that transfer organic compounds, usually fatty acids (e.g., cholesterol, diacylglycerol, palmitoyl), onto hydroxyl groups of membrane-embedded targets (Dauwerse et al., 2007 [PubMed 17440500]). [supplied by OMIM]. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p> <p>PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-304 AL158198.14 79926-80229 c 305-450 AL158198.14 20414-20559 c 451-528 AL158198.14 18975-19052 c 529-624 AL158198.14 12010-12105 c 625-680 AL355139.10 10796-10851 c 681-735 AL355139.10 8351-8405 c 736-919 AL355139.10 6169-6352 c 920-1112 AL355139.10 4060-4252 c 1113-1216 AL008627.1 1909-2012 1217-1281 AL008627.1 5097-5161 1282-1414 AL008627.1 7441-7573 1415-1566 AL008627.1 10700-10851 1567-3275 AL008627.1 18037-19745</p> <p>Alias Symbols: MGC44669, OACT1, dJ434011.1, LPEAT1</p> <p>Protein Size: 495</p>
Molecular Weight:	56 kDa
Gene ID:	154141
NCBI Accession:	NM_001080480 , NP_001073949
UniProt:	Q6ZNC8

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 495 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific

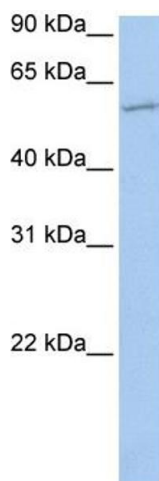
Handling

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
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.

Publications

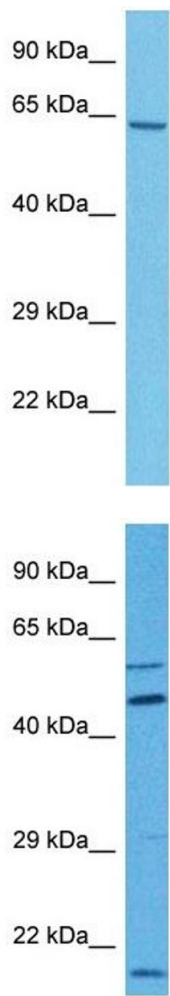
Product cited in:	Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: Diagnostic microbiology and infectious disease , Vol. 55, Issue 1, pp. 55-8, (2006) (PubMed).
-------------------	---

Images



Western Blotting

Image 1. WB Suggested Anti-MBOAT1 Antibody Titration:
0.2-1 ug/ml Positive Control: Jurkat cell lysate



Western Blotting

Image 2. Host: Rabbit Target Name: MBOAT1 Sample
Tissue: Human U937 Whole Cell Antibody Dilution: 1ug/ml

Western Blotting

Image 3. Host: Rabbit Target Name: MBOAT1 Sample
Tissue: Human 786-0 Whole Cell Antibody Dilution: 1ug/ml