

Datasheet for ABIN1881534
anti-MBOAT7 antibody (AA 151-180)[Go to Product page](#)

2 Images

2 Publications

Overview

Quantity:	400 µL
Target:	MBOAT7
Binding Specificity:	AA 151-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MBOAT7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MBOAT7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 151-180 amino acids from the Central region of human MBOAT7.
Clone:	RB40838
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MBOAT7
Alternative Name:	MBOAT7 (MBOAT7 Products)

Target Details

Background:	This gene encodes a member of the membrane-bound O-acyltransferases family of integral membrane proteins that have acyltransferase activity. The encoded protein is a lysophosphatidylinositol acyltransferase that has specificity for arachidonoyl-CoA as an acyl donor. This protein is involved in the reacylation of phospholipids as part of the phospholipid remodeling pathway known as the Land cycle. Alternative splicing results in multiple transcript variants.
Molecular Weight:	52765
NCBI Accession:	NP_001139528 , NP_001139554 , NP_001139555 , NP_077274
UniProt:	Q96N66
Pathways:	Inositol Metabolic Process

Application Details

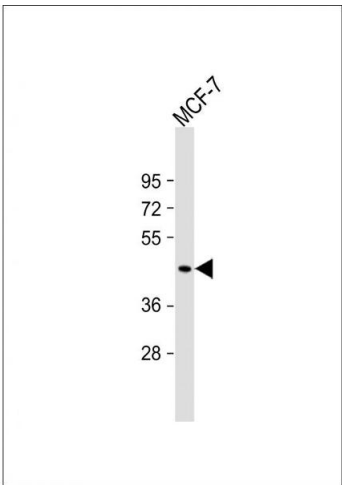
Application Notes:	WB: 1:1000. WB: 1:2000
Restrictions:	For Research Use only

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
Expiry Date:	6 months

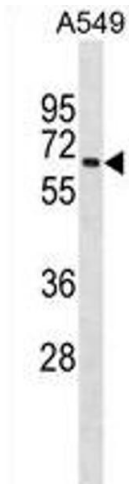
Publications

Product cited in:	Si, Ali, Latip, Fauzi, Budin, Zainalabidin: "Roselle is cardioprotective in diet-induced obesity rat model with myocardial infarction." in: Life sciences , Vol. 191, pp. 157-165, (2017) (PubMed).
	Yida, Imam, Ismail, Ooi, Sarega, Azmi, Ismail, Chan, Hou, Yusuf: "Edible Bird's Nest Prevents High Fat Diet-Induced Insulin Resistance in Rats." in: Journal of diabetes research , Vol. 2015, pp. 760535, (2016) (PubMed).



Western Blotting

Image 1. Anti-MBOAT7 Antibody (Center) at 1:2000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 53 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 2. MBOAT7 Antibody (Center) (ABIN1881534 and ABIN2838723) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the MBOAT7 antibody detected the MBOAT7 protein (arrow).