

DATASHEET

MBOAT2 Rabbit Polyclonal Antibody

CAT. NO. APA18323

KEY FEATURES

Target	MBOAT2	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

Acyltransferase which catalyzes the transfer of an acyl group from an acyl-CoA to a lysophospholipid leading to the production of a phospholipid and participates in the reacylation step of the phospholipid remodeling pathway also known as the Lands cycle . Catalyzes preferentially the acylation of lysophosphatidylethanolamine (1-acyl-sn-glycero-3-phosphoethanolamine or LPE) and lysophosphatidic acid (LPA) and to a lesser extend lysophosphatidylcholine (LPC) and lysophosphatidylserine (LPS) . Prefers oleoyl-CoA as the acyl donor . May be involved in chondrocyte differentiation .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
----	----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

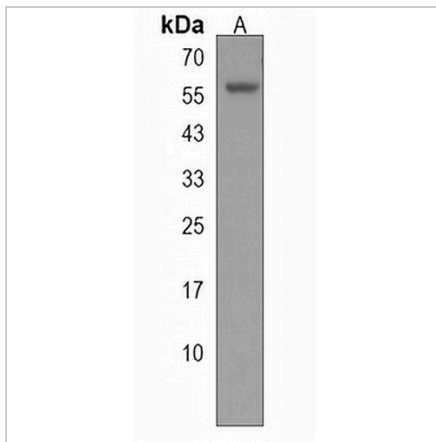
Description	Rabbit polyclonal antibody to MBOAT2
Specificity	Recognizes endogenous levels of MBOAT2 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the Central region of human MBOAT2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 59 kD; Observed: 56 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	OACT2; Lysophospholipid acyltransferase 2; LPLAT 2; 1-acylglycerophosphate O-acyltransferase; 1-acylglycerophosphoethanolamine O-acyltransferase; Lysophosphatidic acid acyltransferase; LPAAT; Lyso-PA acyltransferase; Lysophosphatidylethanolamine acyltransferase; LPEAT; Lyso-PE acyltransferase; Membrane-bound O-acyltransferase domain-containing protein 2; O-acyltransferase domain-containing protein 2
Gene Symbol	MBOAT2
Entrez Gene	129642(Human)
SwissProt	Q6ZWT7(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arex.bio or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**MBOAT2 Rabbit Polyclonal Antibody**

CAT. NO. APA18323

DATA

Western blot analysis of MBOAT2 expression in 293 (A) whole cell lysates. (Predicted band size: 59 kD; Observed band size: 56 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.