

DATASHEET

MOGAT2 Rabbit Polyclonal Antibody

CAT. NO. APA17637

KEY FEATURES

Target	MOGAT2	Source / Host	Rabbit
Reactivity	Mouse	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

The protein encoded by this gene is an enzyme that catalyzes the synthesis of diacylglycerol from 2-monoacylglycerol and fatty acyl-CoA. The encoded protein is important in the uptake of dietary fat by the small intestine. This protein forms a complex with diacylglycerol O-acyltransferase 2 in the endoplasmic reticulum, and this complex catalyzes the synthesis of triacylglycerol.

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

PRODUCT OVERVIEW

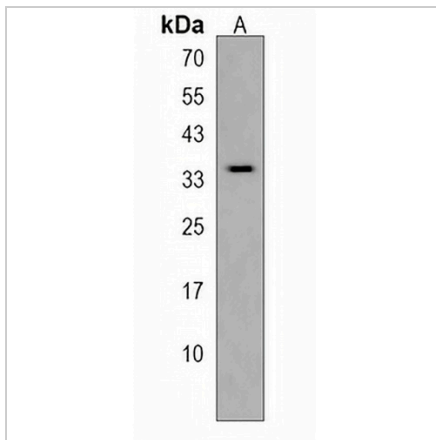
Description	Rabbit polyclonal antibody to MOGAT2
Specificity	Recognizes endogenous levels of MOGAT2 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-terminal region of human MOGAT2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 38 kD; Observed: 34 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	DC5; DGAT2L5; 2-acylglycerol O-acyltransferase 2; Acyl-CoA:monoacylglycerol acyltransferase 2; MGAT2; hMGAT2; Diacylglycerol O-acyltransferase candidate 5; hDC5; Diacylglycerol acyltransferase 2-like protein 5; Monoacylglycerol O-acyltransferase 2
Gene Symbol	MOGAT2
Entrez Gene	233549(Mouse)
SwissProt	Q80W94(Mouse)

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

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

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DATA

Western blot analysis of MOGAT2 expression in mouse skeletal muscle (A) whole cell lysates. (Predicted band size: 38 kD; Observed band size: 34 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.