

**MOGAT2 polyclonal antibody**

Catalog: BS34481

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

2-acylglycerol O-acyltransferase 2: Involved in glycerolipid synthesis and lipid metabolism . Catalyzes the formation of diacylglycerol, the precursor of triacylglycerol, by transferring the acyl chain of a fatty acyl-CoA to a monoacylglycerol . Plays a central role in absorption of dietary fat in the small intestine by catalyzing the resynthesis of triacylglycerol in enterocytes (By similarity). Has a preference toward monoacylglycerols containing unsaturated fatty acids in an order of C18:3 > C18:2 > C18:1 > C18:0 at sn-2 . Able to use 1-monoalkylglycerol (1-MAkG, 1-O-alkylglycerol) as an acyl acceptor for the synthesis of monoalkyl-monoacylglycerol (MAMAG, 1-O-alkyl-3-acylglycerol or 1-O-alkyl-2-acylglycerol) and subsequently, with lower efficiency, may add another acyl chain producing monoalkyl-diacylglycerol (MAD-AG, 1-O-alkyl-2,3-diacylglycerol) . Possesses weak but significant activity with diacylglycerol as subst...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~38.2 kDa

Swiss-Prot:

Q3SYC2

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of MOGAT2 protein

DATA:

Western blot analysis of ZNF217 expression in Caco2 (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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