

For Research Use Only

MOGAT2 Recombinant monoclonal antibody, PBS Only

Catalog Number:83086-3-PBS



Basic Information

Catalog Number:

83086-3-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_025098

GeneID (NCBI):

80168

UNIPROT ID:

Q3SYC2

Full Name:

monoacylglycerol O-acyltransferase

2

Calculated MW:

38 kDa

Observed MW:

36-38 kDa

Purification Method:

Protein A purification

CloneNo.:

252772H3

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

MOGAT2, also named as DC5 and DGAT2L5, belongs to the diacylglycerol acyltransferase family. MOGAT2 catalyze the reaction: Acyl-CoA + 2-acylglycerol = CoA + diacylglycerol. MOGAT2 has a preference toward monoacylglycerols containing unsaturated fatty acids. MOGAT2 plays a central role in absorption of dietary fat in the small intestine by catalyzing the resynthesis of triacylglycerol in enterocytes. And it plays a role in diet-induced obesity. The antibody can recognize all these 3 isoform of MOGAT2.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

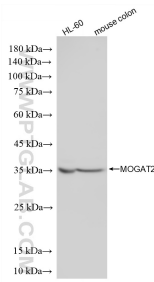
T: 4006900926

E: Proteintech-CN@ptglab.com

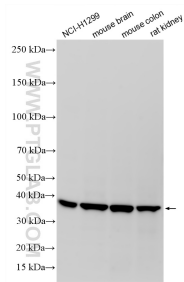
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83086-3-RR (MOGAT2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83086-3-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 83086-3-RR (MOGAT2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83086-3-PBS in a different storage buffer formulation.