

For Research Use Only

MOGAT2 Recombinant monoclonal antibody

Catalog Number: 83086-3-RR



Basic Information

Catalog Number:

83086-3-RR

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

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : NCI-H1299 cells, HL-60 cells, mouse colon tissue, mouse brain tissue, rat kidney tissue

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

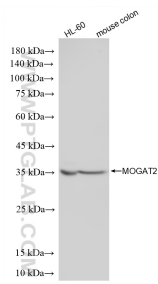
T: 4006900926

E: Proteintech-CN@ptglab.com

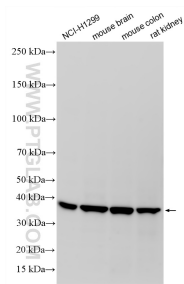
W: ptgcn.com

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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.



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.