

For Research Use Only

# ATGL Recombinant antibody

Catalog Number: 84736-1-RR



## Basic Information

Catalog Number:

84736-1-RR

Size:

1000  $\mu$ g/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_020376

GeneID (NCBI):

57104

UNIPROT ID:

Q96AD5

Full Name:

patatin-like phospholipase domain  
containing 2

Calculated MW:

55 kDa

Observed MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

241919C6

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : A431 cells, HeLa cells, 3T3-L1 cells, NIH/3T3 cells,  
mouse heart tissue, mouse testis tissue, rat heart  
tissue

## Background Information

ATGL, also named as PNPLA2, TTS2 and Desnutrin, catalyzes the initial step in triglyceride hydrolysis in adipocyte and non-adipocyte lipid droplets. It also has acylglycerol transacylase activity. ATGL may act coordinately with LIPE/HLS within the lipolytic cascade. It regulates adiposome size and may be involved in the degradation of adiposomes. May play an important role in energy homeostasis. Defects in ATGL are the cause of neutral lipid storage disease with myopathy (NLSMD). This antibody is specific to ATGL.

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

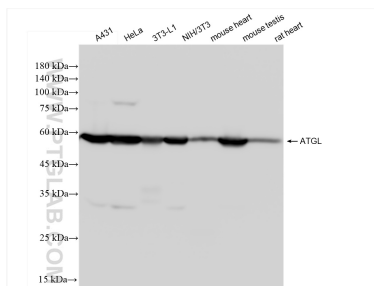
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84736-1-RR (ATGL antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.