

For Research Use Only

ATGL Recombinant antibody, PBS Only

Catalog Number: 84736-1-PBS



Basic Information

Catalog Number:

84736-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

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 (NLSDM). This antibody is specific to ATGL.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

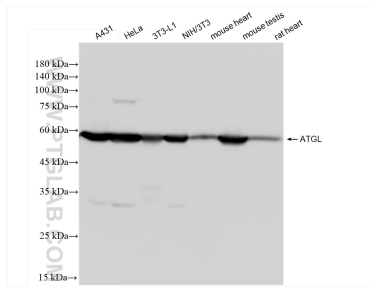
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

W: ptglab.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. This data was developed using the same antibody clone with 84736-1-PBS in a different storage buffer formulation.