

For Research Use Only

ATGL Recombinant antibody

Catalog Number: 84736-1-RR



Basic Information

Catalog Number: 84736-1-RR	GenBank Accession Number: NM_020376	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 57104	CloneNo.: 241919C6
Source: Rabbit	UNIPROT ID: Q96AD5	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: patatin-like phospholipase domain containing 2	
	Calculated MW: 55 kDa	
	Observed MW: 55 kDa	

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 (NLSDM). 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.

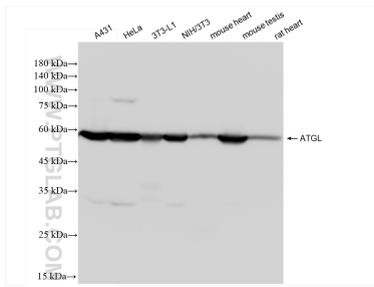
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.