

For Research Use Only

ATL3 Monoclonal antibody

Catalog Number: 68516-1-Ig

Featured Product



Basic Information

Catalog Number:

68516-1-Ig

Size:

150ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG10248

GenBank Accession Number:

BC077727

GeneID (NCBI):

25923

UNIPROT ID:

Q6DD88

Full Name:

atlastin GTPase 3

Calculated MW:

541 aa, 61 kDa

Observed MW:

61 kDa

Purification Method:

Protein G purification

CloneNo.:

2E7C4

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:500-1:2000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat, rabbit

Positive Controls:

WB : PC-3 cells, Jurkat cells, HeLa cells, K-562 cells, rabbit testis tissue, rat testis tissue, mouse testis tissue

IF/ICC : HeLa cells,

Background Information

ATL3, belonging to a class of dynamin-like GTPase, was reported to mediate ER fusion. ATL3 is required for the proper formation of the network of interconnected tubules of the endoplasmic reticulum. ATL3 functions as a receptor for ER-phagy, promoting tubular ER degradation upon starvation. Mutations in this gene may be associated with hereditary sensory neuropathy type IF.

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

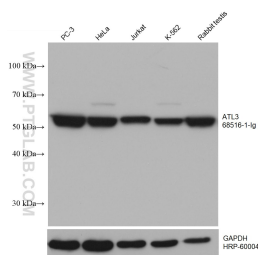
For technical support and original validation data for this product please contact:

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

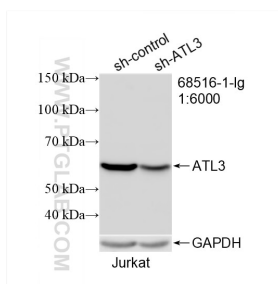
E: proteintech@ptglab.com
W: ptglab.com

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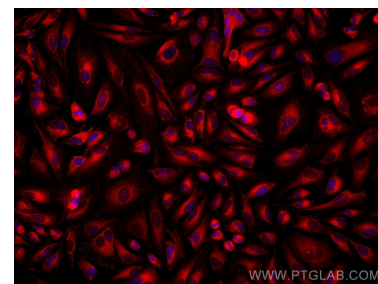
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68516-1-Ig (ATL3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



WB result of ATL3 antibody (68516-1-Ig; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-ATL3 transfected Jurkat cells.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using ATL3 antibody (68516-1-Ig, Clone: 2E7C4) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004).