

For Research Use Only

# ATL3 Recombinant antibody, PBS Only

Catalog Number: 84578-3-PBS



## Basic Information

Catalog Number:

84578-3-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

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:

58-61 kDa

Purification Method:

Protein A purification

CloneNo.:

241937G3

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## 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 -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

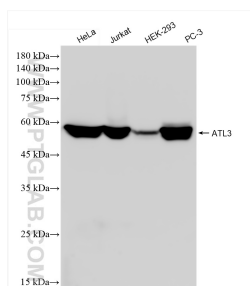
T: 4006900926

E: Proteintech-CN@ptglab.com

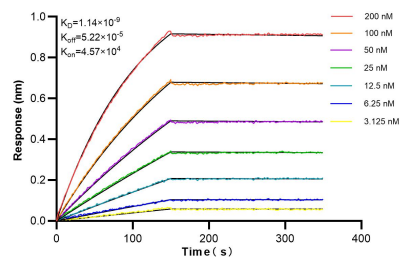
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84578-3-RR (ATL3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84578-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84578-3-RR against Human ATL3 were performed. The affinity constant is 1.14 nM.