

For Research Use Only

ATL3 Recombinant antibody, PBS Only

Catalog Number: 84578-3-PBS



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
84578-3-PBS	BC077727	Protein A purification
Concentration:	GeneID (NCBI):	CloneNo.:
1 mg/ml	25923	241937G3
Source:	UNIPROT ID:	
Rabbit	Q6DD88	
Isotype:	Full Name:	
IgG	atlastin GTPase 3	
Immunogen Catalog Number:	Calculated MW:	
AG10248	541 aa, 61 kDa	
	Observed MW:	
	58-61 kDa	

Applications

Tested Applications:
WB, IF/ICC, 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, pH7.3

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

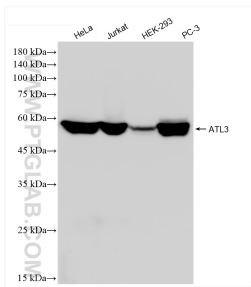
T: 4006900926

E: Proteintech-CN@ptglab.com

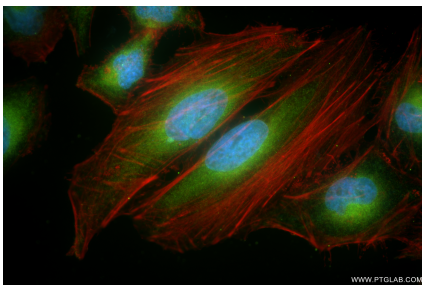
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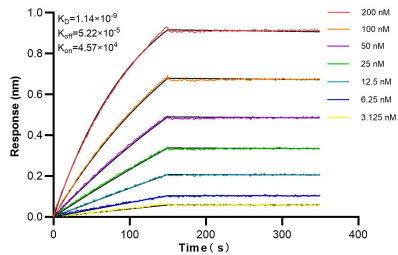
Selected Validation Data



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.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using ATL3 antibody (84578-3-RR, Clone: 241937G3) at dilution of 1:400 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). 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.