

For Research Use Only

ATL3 Recombinant antibody, PBS Only

Catalog Number: 84578-3-PBS



Basic Information

Catalog Number: 84578-3-PBS	GenBank Accession Number: BC077727	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 25923	CloneNo.: 241937G3
Source: Rabbit	UNIPROT ID: Q6DD88	
Isotype: IgG	Full Name: atlastin GTPase 3	
Immunogen Catalog Number: AG10248	Calculated MW: 541 aa, 61 kDa	
	Observed MW: 58-61 kDa	

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.

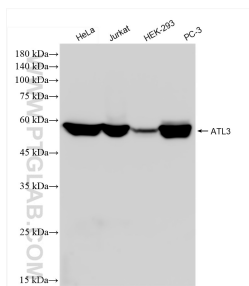
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

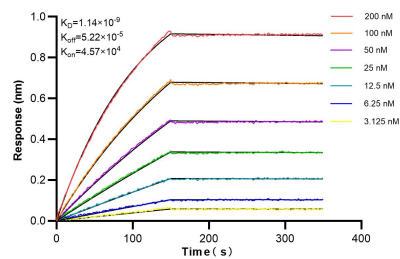
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Selected Validation Data



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.