

For Research Use Only

GRAMD1A Polyclonal antibody

Catalog Number: 25487-1-AP



Basic Information

Catalog Number: 25487-1-AP	GenBank Accession Number: BC014077	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 57655	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: GRAM domain containing 1A	
Isotype: IgG	Calculated MW: 724 aa, 81 kDa	
Immunogen Catalog Number: AG22221	Observed MW: 80-90 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, HEK-293T cells, HeLa cells, SH-SY5Y cells
Species Specificity: human	

Background Information

Protein Aster-A (GRAMD1A) is a cholesterol transporter, which contains unique domains for binding cholesterol and the plasma membrane (PM), thereby serving as a molecular bridge for the transfer of cholesterol from the PM to the endoplasmic reticulum (ER). It was reported that plays a role in autophagy regulation and is required for the biogenesis of the autophagosome (PMID:31222192). It can be detected as 80 kDa.

Storage

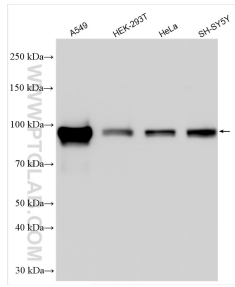
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 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

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 25487-1-AP (GRAMD1A antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.