

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: 800 µg/ml	GeneID (NCBI): 57655	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q96CP6	
Isotype: IgG	Full Name: GRAM domain containing 1A	
Immunogen Catalog Number: AG22221	Calculated MW: 724 aa, 81 kDa	
	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

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

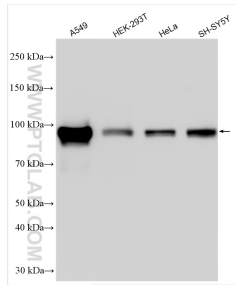
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Selected Validation Data



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.