

For Research Use Only

GRAMD1A Polyclonal antibody

Catalog Number: 25487-1-AP



Basic Information

Catalog Number:

25487-1-AP

Size:

150ul , Concentration: 800 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22221

GenBank Accession Number:

BC014077

GeneID (NCBI):

57655

UNIPROT ID:

Q96CP6

Full Name:

GRAM domain containing 1A

Calculated MW:

724 aa, 81 kDa

Observed MW:

80-90 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A549 cells, HEK-293T cells, HeLa cells, SH-SY5Y cells

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

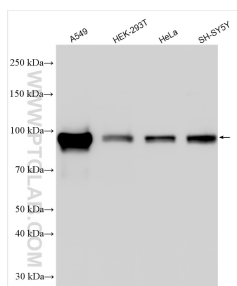
For technical support and original validation data for this product please contact:

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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.