

For Research Use Only

GRAMD1A Polyclonal antibody

Catalog Number: 25487-1-AP



Basic Information

Catalog Number:

25487-1-AP

Size:

800 µg/ml

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

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

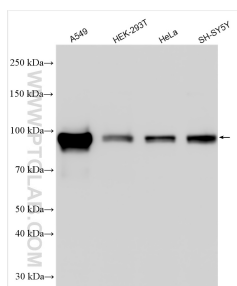
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.