

For Research Use Only

ARL8B Polyclonal antibody

Catalog Number: 13049-1-AP

Featured Product

21 Publications



Basic Information

Catalog Number:

13049-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3711

GenBank Accession Number:

BC013131

GeneID (NCBI):

55207

UNIPROT ID:

Q9NVJ2

Full Name:

ADP-ribosylation factor-like 8B

Calculated MW:

186 aa, 22 kDa

Observed MW:

22 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

CoIP, IF, IHC, WB

Species Specificity:

human, mouse

Cited Species:

human, chicken, rat, mouse, monkey

Positive Controls:

WB : fetal human brain tissue, human brain tissue, mouse brain tissue, NIH/3T3 cells

Background Information

ARL8B (ADP-ribosylation factor-like 8B), also known as ARL10C or GIE1, is a small GTPase of the Arl-family, that is associated with the lysosome. ARL8A interacts with Tubulin, and plays a role in lysosome motility, as well as in chromosomal segregation. ARL8B plays a role in the spatial distribution and positioning of lysosomes. ARL8B is regarded as a regulator of endosome to lysosome trafficking pathways of special significance for host defense.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-------------------|-----------|------------|-------------|
| Gee Adnan | 32917789 | J Neurosci | IF |
| Tal Keren-Kaplan | 33232665 | Curr Biol | WB |
| Tsuyoshi Inoshita | 36404922 | iScience | IHC |

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:

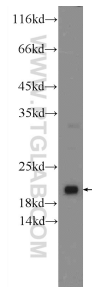
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



fetal human brain tissue were subjected to SDS PAGE followed by western blot with 13049-1-AP (ARL8B Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.