

For Research Use Only

ARL8B Polyclonal antibody

Catalog Number: 13049-1-AP

Featured Product

21 Publications



Basic Information

Catalog Number: 13049-1-AP	GenBank Accession Number: BC013131	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55207	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: ADP-ribosylation factor-like 8B	
Isotype: IgG	Calculated MW: 186 aa, 22 kDa	
Immunogen Catalog Number: AG3711	Observed MW: 22 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : fetal human brain tissue, human brain tissue, mouse brain tissue, NIH/3T3 cells
Cited Applications: CoIP, IF, IHC, WB	
Species Specificity: human, mouse	
Cited Species: human, chicken, rat, mouse, monkey	

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

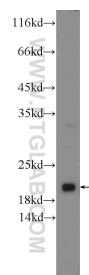
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



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.