

For Research Use Only

ARF5-Specific Polyclonal antibody

Catalog Number: 20227-1-AP

2 Publications



Basic Information

Catalog Number: 20227-1-AP	GenBank Accession Number: NM_001662	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 381	Recommended Dilutions: WB 1:500-1:1000 IF 1:50-1:500
Source: Rabbit	Full Name: ADP-ribosylation factor 5	
Isotype: IgG	Calculated MW: 21 kDa	
	Observed MW: 21 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Cited Applications: IF, WB	WB : HepG2 cells, mouse colon tissue, mouse liver tissue, HeLa cells, mouse kidney tissue, mouse brain tissue, COLO 320 cells, human testis tissue
Species Specificity: human, mouse, rat	IF : HeLa cells,
Cited Species: mouse	

Background Information

ADP-ribosylation factors (ARFs) are members of the ARF family of GTP-binding proteins of the Ras superfamily, with 20kda protein size. ARFs bind and regulate GTP/GDP cycle by alternating between the active GTP-bound and inactive GDP-bound conformations. ARF family proteins are essential and ubiquitous in eukaryotes. Six highly conserved members of the family have been identified in mammalian cells. They function in vesicular traffic and actin remodelling and other bioprocesses in cells. ARF4 and ARF5 are class II ARFs. (PMID: 7759471, PMID: 16042562). Their function are not fully described. The antibody is specific to ARF5.

Notable Publications

Author	Pubmed ID	Journal	Application
Rakhee Bajaj	36170810	Cell Rep	WB
Ruichao Li	27114861	PeerJ	IF

Storage

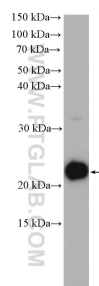
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

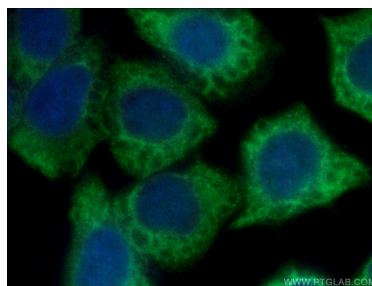
For technical support and original validation data for this product please contact:
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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 20227-1-AP (ARF5-Specific antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 20227-1-AP (ARF5-Specific antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).