

For Research Use Only

RHOG Polyclonal antibody

Catalog Number: 21576-1-AP



Basic Information

Catalog Number: 21576-1-AP	GenBank Accession Number: BC104178	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 260 µg/ml by Nanodrop;	GeneID (NCBI): 391	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: ras homolog gene family, member G (rho G)	
Isotype: IgG	Calculated MW: 191 aa, 21 kDa	
Immunogen Catalog Number: AG16118	Observed MW: 21 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, HeLa cells, MCF-7 cells, K-562 cells
Species Specificity: human	

Background Information

RHOG, also named as ARHG, belongs to the small GTPase superfamily and Rho family. It is required for the formation of membrane ruffles during macropinocytosis. And it is required for the formation of cup-like structures during trans-endothelial migration of leukocytes. In case of Salmonella enterica infection, it is activated by SopB and SGEF, which induces cytoskeleton rearrangements and promotes bacterial entry. This antibody is specific to RHOG.

Storage

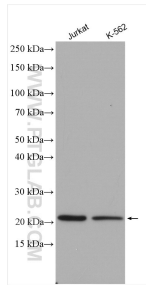
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21576-1-AP (RHOG antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.