For Research Use Only

RHOG Polyclonal antibody

Catalog Number: 21576-1-AP



Basic Information

Catalog Number: 21576-1-AP

 Size:
 GeneID (NCBI):

 500 μ g/ml
 391

 Company (NCBI):
 100 μ g/ml

Source: UNIPROT ID: Rabbit P84095
Isotype: Full Name:

gG ras homolog gene family, member G

Immunogen Catalog Number: (rho G)

AG16118 Calculated MW:

191 aa, 21 kDa Observed MW: 21 kDa

BC104178

GenBank Accession Number:

Applications

Tested Applications: WB, ELISA

Species Specificity:

human

Positive Controls:

WB: Jurkat cells, HeLa cells, MCF-7 cells, K-562 cells

Purification Method:

WB 1:500-1:1000

Antigen affinity purification

Recommended Dilutions:

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:

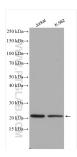
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.