

For Research Use Only

ARHGAP4 Recombinant antibody

Catalog Number: 85648-2-RR



Basic Information

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| Catalog Number: 85648-2-RR | GenBank Accession Number: BC052303 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 393 | CloneNo.: 242995B5 |
| Source: Rabbit | UNIPROT ID: P98171 | Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:250-1:1000 |
| Isotype: IgG | Full Name: Rho GTPase activating protein 4 | |
| Immunogen Catalog Number: AG10091 | Calculated MW: 986 aa, 109 kDa | |
| | Observed MW: 115-120 kDa | |

Applications

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| Tested Applications: WB, IF/ICC, ELISA | Positive Controls: |
| Species Specificity: human | WB : Jurkat cells, K-562 cells IF/ICC : Jurkat cells, |

Background Information

ARHGAP4 (Rho GTPase-Activating Protein 4), also named as KIAA0131, RGC1, RHOGAP4, is a member of the RhoGAP family, which regulates Rho GTPases by accelerating their hydrolysis of GTP to GDP, thereby inactivating these signaling molecules. Rho GTPases are critical regulators of cytoskeletal dynamics, cell motility, and intracellular trafficking.

Storage

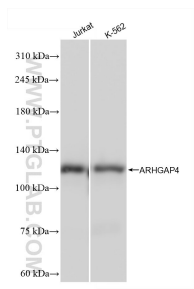
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

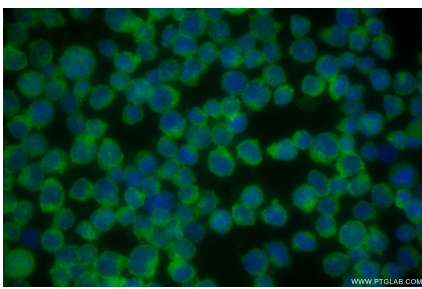
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

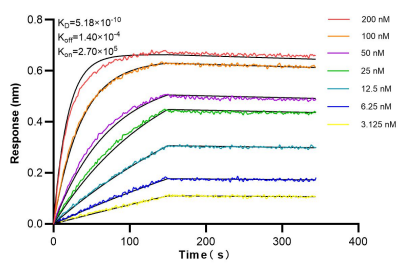
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85648-2-RR (ARHGAP4 antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using ARHGAP4 antibody (85648-2-RR, Clone: 242995B5) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 85648-2-RR against Human ARHGAP4 were performed. The affinity constant is 0.518 nM.