

For Research Use Only

ARHGEF1 Polyclonal antibody

Catalog Number: 11363-1-AP **4 Publications**



Basic Information

| | | |
|--|---|--|
| Catalog Number: 11363-1-AP | GenBank Accession Number: BC011726 | Purification Method: Antigen affinity purification |
| Size: 800 µg/ml | GeneID (NCBI): 9138 | Recommended Dilutions: WB 1:500-1:2000 |
| Source: Rabbit | UNIPROT ID: Q92888 | IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate |
| Isotype: IgG | Full Name: Rho guanine nucleotide exchange factor (GEF) 1 | IHC 1:20-1:200 |
| Immunogen Catalog Number: AG1905 | Calculated MW: 912 aa, 102 kDa | IF 1:50-1:500 |
| | Observed MW: 102-110 kDa | |

Applications

Tested Applications:
IF/ICC, IHC, IP, WB, ELISA

Cited Applications:
WB, ColP

Species Specificity:
human, mouse

Cited Species:
human, mouse

Positive Controls:

WB: HEK-293 cells, HeLa cells, HepG2 cells, human brain tissue, human spleen tissue, Jurkat cells, K-562 cells, mouse spleen tissue

IP: HEK-293 cells,

IHC: human colon tissue,

IF: HeLa cells, A549 cells

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-------------------|-----------|---------------|-------------|
| P V Ryder | 23676666 | Mol Biol Cell | WB |
| Silvana Konermann | 25494202 | Nature | WB |
| Yaping Zhang | 37587112 | Nat Commun | ColP, WB |

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

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

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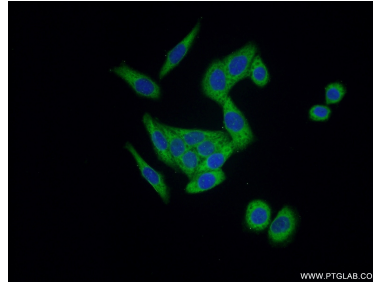
W: ptgcn.com

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

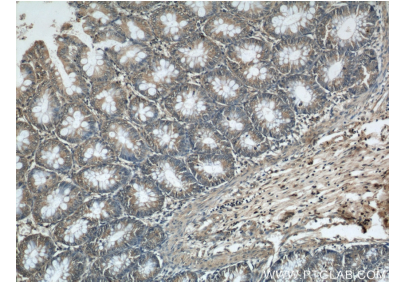
Selected Validation Data



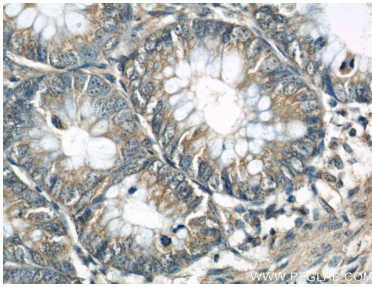
HEK-293 cells were subjected to SDS PAGE followed by western blot with 11363-1-AP (ARHGEF1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



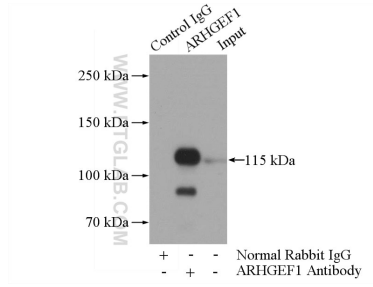
Immunofluorescent analysis of HeLa cells using 11363-1-AP (ARHGEF1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human colon using 11363-1-AP (ARHGEF1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon using 11363-1-AP (ARHGEF1 antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-ARHGEF1 (IP:11363-1-AP, 4ug; Detection:11363-1-AP 1:1000) with HEK-293 cells lysate 2800ug.