

For Research Use Only

ARHGAP25 Polyclonal antibody

Catalog Number: 14349-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

14349-1-AP

Concentration:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5691

GenBank Accession Number:

BC039591

GeneID (NCBI):

9938

UNIPROT ID:

P42331

Full Name:

Rho GTPase activating protein 25

Calculated MW:

73 kDa

Observed MW:

70-80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human

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

Positive Controls:

WB : Jurkat cells, Ramos cells, THP-1 cells

IP : Jurkat cells,

IHC : human tonsillitis tissue,

IF/ICC : A549 cells,

Background Information

ARHGAP25 (Rho GTPase-activating protein 25) also known as KAIA0053, belongs to a family of Rho GTPase-modulating proteins which are implicated in actin remodeling, cell polarity, and cell migration. ARHGAP25 has a key role in the pathomechanism of autoantibody-induced arthritis in which it regulates inflammation.

Notable Publications

Author	Pubmed ID	Journal	Application
Sijia Han	37326327	Carcinogenesis	WB,IHC

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

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

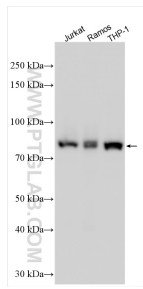
T: 4006900926

E: Proteintech-CN@ptglab.com

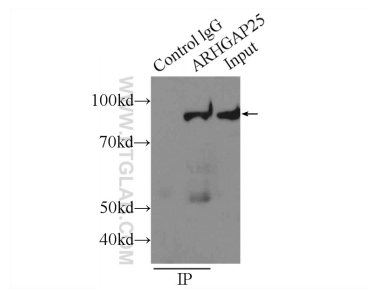
W: ptgcn.com

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

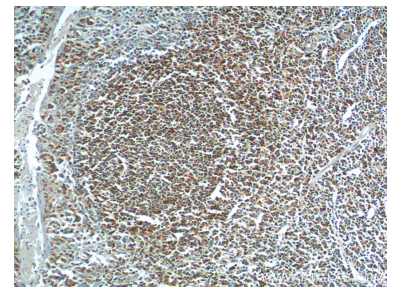
Selected Validation Data



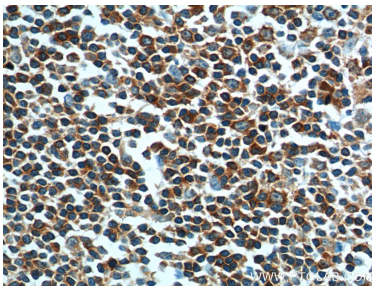
Various lysates were subjected to SDS PAGE followed by western blot with 14349-1-AP (ARHGAP25 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



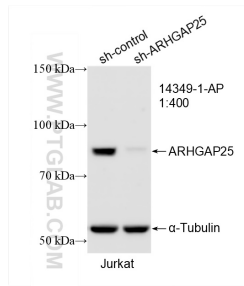
IP result of anti-ARHGAP25 (IP:14349-1-AP, 4ug; Detection:14349-1-AP 1:500) with Jurkat cells lysate 1000ug.



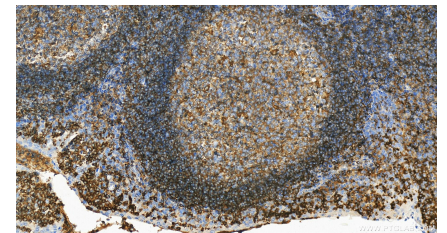
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 14349-1-AP (ARHGAP25 Antibody) at dilution of 1:200 (under 10x lens).



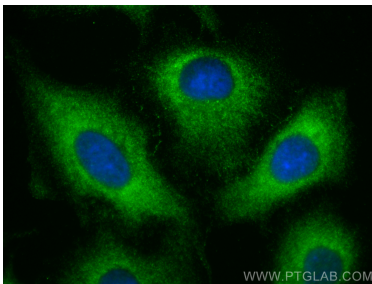
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 14349-1-AP (ARHGAP25 Antibody) at dilution of 1:200 (under 40x lens).



WB result of ARHGAP25 antibody (14349-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-ARHGAP25 transfected Jurkat cells.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 14349-1-AP (ARHGAP25 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using ARHGAP25 antibody (14349-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).