

For Research Use Only

# ARHGAP4 Polyclonal antibody

Catalog Number: 16697-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 16697-1-AP	<b>GenBank Accession Number:</b> BC052303	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 350 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 393	<b>Recommended Dilutions:</b> WB 1:2000-1:16000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> Rho GTPase activating protein 4	<b>IHC 1:50-1:500</b> <b>IF 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 986 aa, 109 kDa	
<b>Immunogen Catalog Number:</b> AG10091	<b>Observed MW:</b> 115 kDa	

## Applications

### Tested Applications:

IF, IHC, IP, WB, ELISA

### Cited Applications:

IHC, WB

### Species Specificity:

human, mouse

### 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:** HL-60 cells, Jurkat cells, K-562 cells, human placenta tissue, mouse spleen tissue

**IP:** HL-60 cells,

**IHC:** human lymphoma tissue, mouse ovary tissue

**IF:** Jurkat cells,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Ming-Sheng Fu	35847897	Front Oncol	IHC
Xiaoqin Lu	36608869	Life Sci	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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

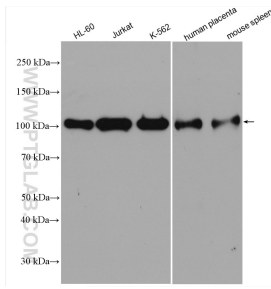
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

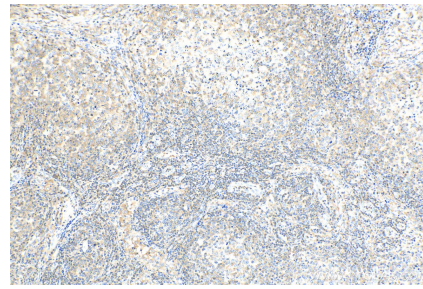
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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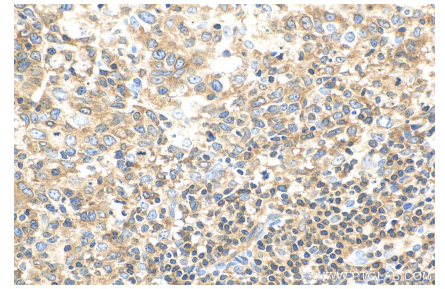
## Selected Validation Data



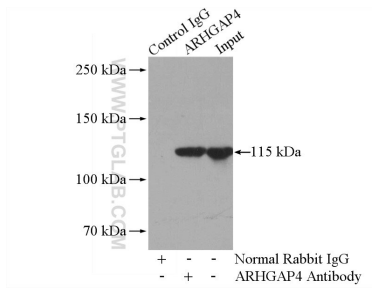
Various lysates were subjected to SDS PAGE followed by western blot with 16697-1-AP (ARHGAP4 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



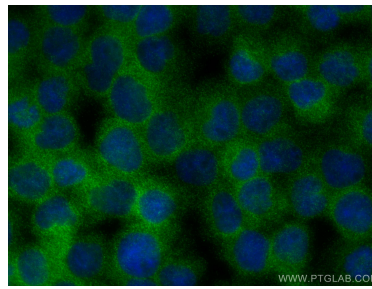
Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 16697-1-AP (ARHGAP4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 16697-1-AP (ARHGAP4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-ARHGAP4 (IP:16697-1-AP, 4ug; Detection:16697-1-AP 1:500) with HL-60 cells lysate 1000ug.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using ARHGAP4 antibody (16697-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).