

For Research Use Only

ARHGAP4 Polyclonal antibody

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



Basic Information

Catalog Number: 16697-1-AP	GenBank Accession Number: BC052303	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 393	Recommended Dilutions: WB 1:2000-1:16000
Source: Rabbit	UNIPROT ID: P98171	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: Rho GTPase activating protein 4	IHC 1:50-1:500
Immunogen Catalog Number: AG10091	Calculated MW: 986 aa, 109 kDa	IF 1:50-1:500
	Observed MW: 115 kDa	

Applications

Tested Applications: IF/ICC, IHC, IP, WB, ELISA	Positive Controls: WB : HL-60 cells, Jurkat cells, K-562 cells, human placenta tissue, mouse spleen tissue
Cited Applications: WB, IHC	IP : HL-60 cells,
Species Specificity: human, mouse	IHC : human lymphoma tissue, mouse ovary tissue
Cited Species: human	IF : Jurkat 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
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

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

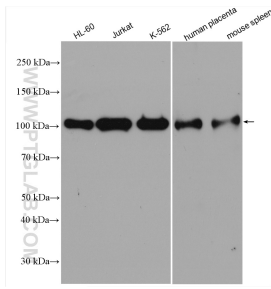
T: 4006900926

E: Proteintech-CN@ptglab.com

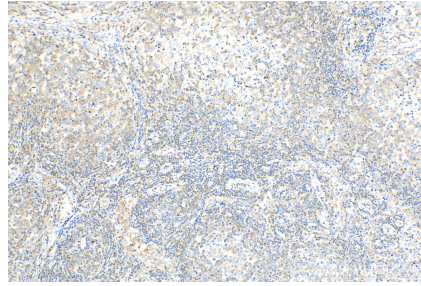
W: ptgcn.com

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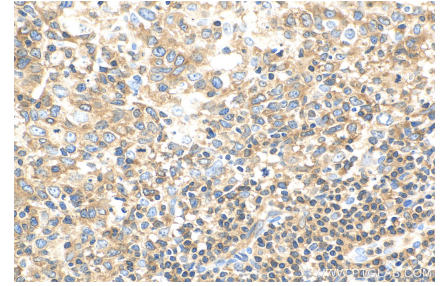
Selected Validation Data



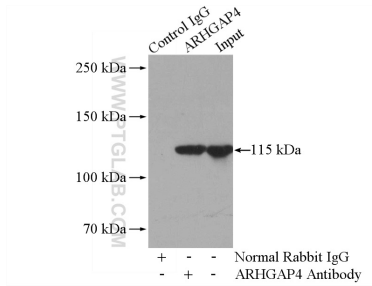
Various lysates were subjected to SDS PAGE followed by western blot with 16697-1-AP (ARHGAP4 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



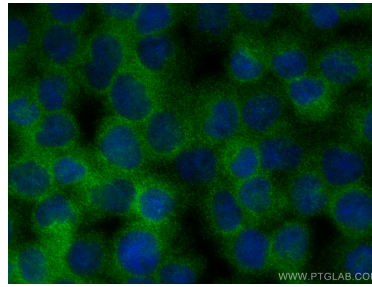
Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 16697-1-AP (ARHGAP4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).