

For Research Use Only

ARHGAP4 Polyclonal antibody

Catalog Number: 16697-1-AP

3 Publications



Basic Information

Catalog Number:

16697-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 227 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10091

GenBank Accession Number:

BC052303

GeneID (NCBI):

393

UNIPROT ID:

P98171

Full Name:

Rho GTPase activating protein 4

Calculated MW:

986 aa, 109 kDa

Observed MW:

115 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

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

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC

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/ICC : Jurkat cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Ming-Sheng Fu	35847897	Front Oncol	IHC
Xiaoqin Lu	36608869	Life Sci	WB, IHC
Xuesong Xiao	38905034	Cancer Biomark	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

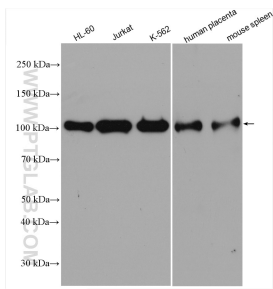
For technical support and original validation data for this product please contact:

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

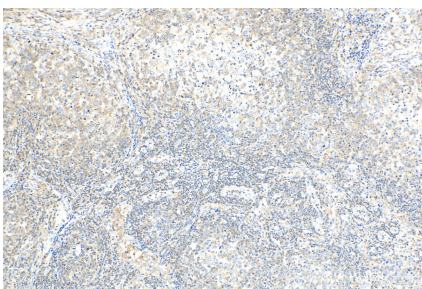
E: proteintech@ptglab.com
W: ptglab.com

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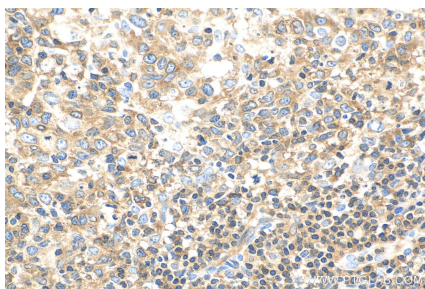
Selected Validation Data



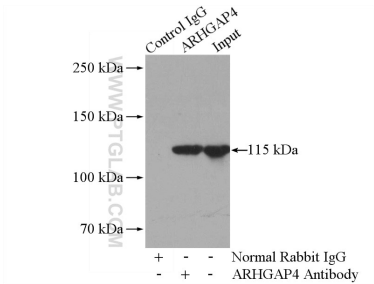
Various lysates were subjected to SDS PAGE followed by western blot with 16697-1-AP (ARHGAP4 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



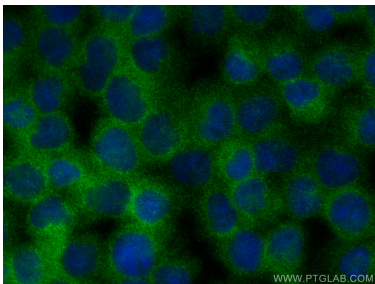
Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 16697-1-AP (ARHGAP4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



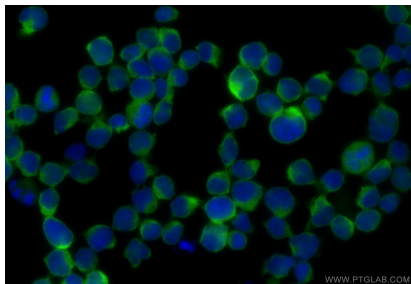
Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 16697-1-AP (ARHGAP4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using ARHGAP4 antibody (16697-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).