

For Research Use Only

ARHGAP15 Polyclonal antibody

Catalog Number: 11940-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 11940-1-AP	GenBank Accession Number: BC016701	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 µg/ml by Nanodrop and 147 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55843	CloneNo.: 50-55 kDa
Source: Rabbit	Full Name: Rho GTPase activating protein 15	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:20-1:200
Isotype: IgG	Calculated MW: 475 aa, 55 kDa	
Immunogen Catalog Number: AG2538		

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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

IHC : human lymphoma tissue,

Background Information

ARHGAP15 (Rho GTPase Activating Protein 15) is a Rac1-specific GAP. Diseases associated with ARHGAP15 include Diverticulitis and Meier-Gorlin Syndrome 2. Among its related pathways are Signaling by Rho GTPases and RAC2 GTPase cycle. ARHGAP15 deregulation is implicated in many abnormalities (PMID: 29867200). ARHGAP15 decreased in glioma, which promoted the aggressive phenotypes of glioma cells through the activation of Rac19. Intronic mutation of ARHGAP15 is associated with diverticular disease. In addition, ARHGAP15 was a prognosis-related biomarker for pancreatic ductal adenocarcinoma (PMID: 28979141).

Notable Publications

Author	Pubmed ID	Journal	Application
Zhen Sun	27862679	Cancer Sci	WB,IHC
Kang Guo	33692998	Front Cell Dev Biol	IF
Cheng-Yi Yang	30992372	J Neurosci	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

*** 20ul sizes contain 0.1% BSA

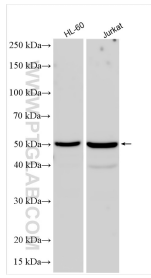
For technical support and original validation data for this product please contact:

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

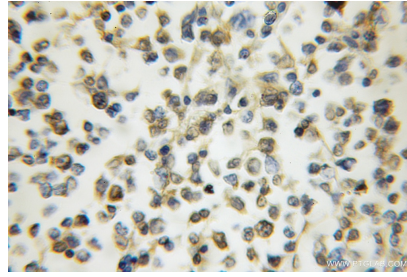
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11940-1-AP (ARHGAP15 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma using 11940-1-AP (ARHGAP15 antibody) at dilution of 1:50 (under 10x lens).