

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: 400 µg/ml	GeneID (NCBI): 55843	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:50-1:500 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q53QZ3	
Isotype: IgG	Full Name: Rho GTPase activating protein 15	
Immunogen Catalog Number: AG2538	Calculated MW: 475 aa, 55 kDa	
	Observed MW: 50-55 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HL-60 cells, Jurkat cells
Cited Applications: WB, IHC, IF	IHC : human colon tissue,
Species Specificity: human, mouse, rat	IF/ICC : Jurkat cells,
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	

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
Cheng-Yi Yang	30992372	J Neurosci	WB
Kang Guo	33692998	Front Cell Dev Biol	IF

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:

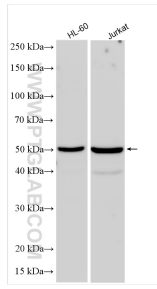
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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

