

For Research Use Only

ARHGAP32 Polyclonal antibody

Catalog Number: 15024-1-AP

1 Publications



Basic Information

Catalog Number: 15024-1-AP	GenBank Accession Number: BC000277	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 ug/ml by Nanodrop and 440 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9743	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: A7KAX9	
Isotype: IgG	Full Name: Rho GTPase-activating protein	
Immunogen Catalog Number: AG7104	Calculated MW: 231 kDa	
	Observed MW: 220 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : HeLa cells, IHC : mouse testis tissue, mouse brain tissue
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: 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

ARHGAP32, also known as RICS, belongs to the PX domain-containing GAP family. ARHGAP32 encodes a neuron-associated GTPase-activating protein that regulates dendritic spine morphology and strength. ARHGAP32 also can interact with RhoA and β -catenin, thereby inhibiting phosphorylation of LIMK/cofilin and promoting epithelial-to-mesenchymal transition (EMT) process. ARHGAP32 is highly expressed in brain and testis (PMID: 30888095, PMID: 32205841).

Notable Publications

Author	Pubmed ID	Journal	Application
Ping Lu	38142716	J Nutr Biochem	WB

Storage

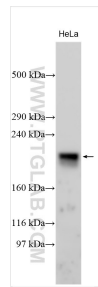
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

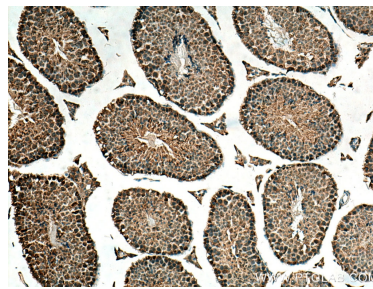
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



HeLa cells were subjected to Tris-Acetate gel system followed by western blot with 15024-1-AP (ARHGAP32 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 15024-1-AP (ARHGAP32 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).