

For Research Use Only

ARHGAP23 Polyclonal antibody

Catalog Number: 31938-1-AP



Basic Information

Catalog Number: 31938-1-AP	GenBank Accession Number: NM_001199417	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 57636	Recommended Dilutions: WB: 1:1000-1:5000 IHC: 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9P227	
Isotype: IgG	Full Name: Rho GTPase activating protein 23	
Immunogen Catalog Number: AG36340	Calculated MW: 162kDa	
	Observed MW: 140-150 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

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 : A549 cells, Calu-1 cells, HeLa cells

IHC : mouse testis tissue,

Background Information

ARHGAP23 (Rho GTPase Activating Protein 23) belongs to the family of Rho GTPase activating proteins. The protein functions as a GTPase-activating factor by converting Rho class GTPases into their inactive GDP-bound state. ARHGAP23 is involved in the Rho GTPase signaling pathway, affecting processes such as cytoskeletal reorganization, cell migration, and cell proliferation. In non-small cell lung cancer, the expression of ARHGAP23 is associated with tumor immune infiltration and prognosis, and its role in tumor development has attracted attention. Mutations in this gene are related to a variety of diseases, including certain types of cancer and neurological disorders.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

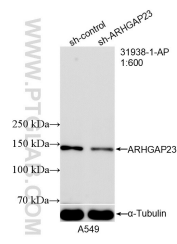
For technical support and original validation data for this product please contact:

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

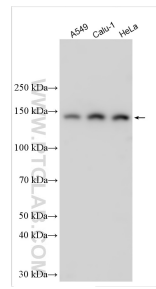
E: proteintech@ptglab.com
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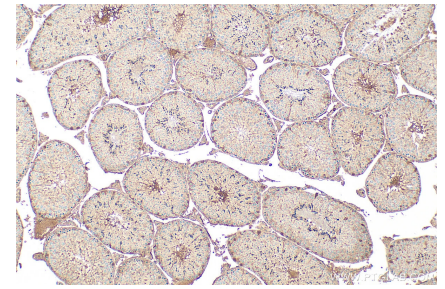
Selected Validation Data



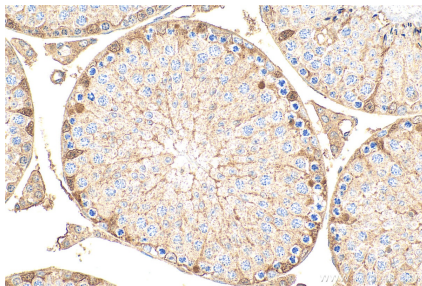
WB result of ARHGAP23 antibody (31938-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-ARHGAP23 transfected A549 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 31938-1-AP (ARHGAP23 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 31938-1-AP (ARHGAP23 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 mouse testis tissue slide using 31938-1-AP (ARHGAP23 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).