

For Research Use Only

ARHGAP23 Polyclonal antibody, PBS Only

Catalog Number: 31938-1-PBS



Basic Information

Catalog Number: 31938-1-PBS	GenBank Accession Number: NM_001199417	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 57636	
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, Indirect ELISA

Species Specificity:
human, mouse

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 -80°C.

Storage Buffer:
PBS only, pH7.3

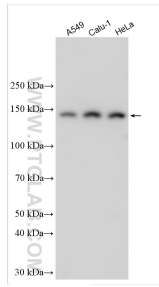
For technical support and original validation data for this product please contact:

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

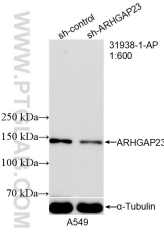
E: proteintech@ptglab.com
W: ptglab.com

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

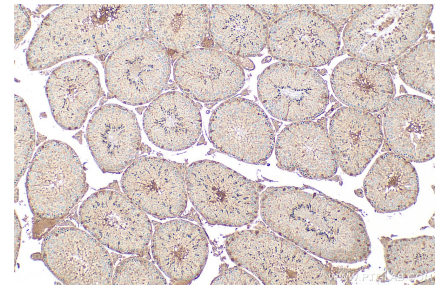
Selected Validation Data



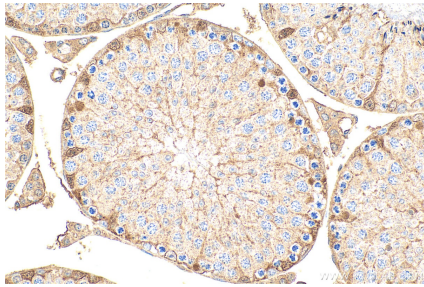
Various lysates were subjected to SDS PAGE followed by western blot with 31938-1-AP (ARHGAP23 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31938-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 31938-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 31938-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 31938-1-PBS in a different storage buffer formulation.