

For Research Use Only

# ARHGAP23 Polyclonal antibody, PBS Only

Catalog Number: 31938-1-PBS



## Basic Information

Catalog Number:

31938-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36340

GenBank Accession Number:

NM\_001199417

GeneID (NCBI):

57636

UNIPROT ID:

Q9P227

Full Name:

Rho GTPase activating protein 23

Calculated MW:

162kDa

Observed MW:

140-150 kDa

Purification Method:

Antigen affinity Purification

## 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.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

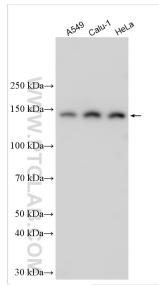
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

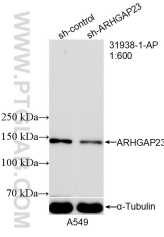
W: [ptgcn.com](http://ptgcn.com)

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

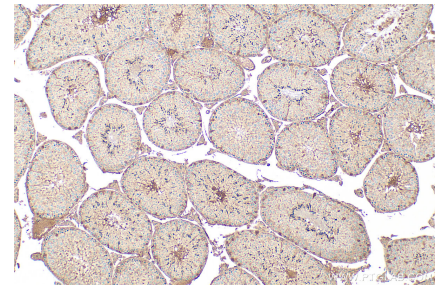
## Selected Validation Data



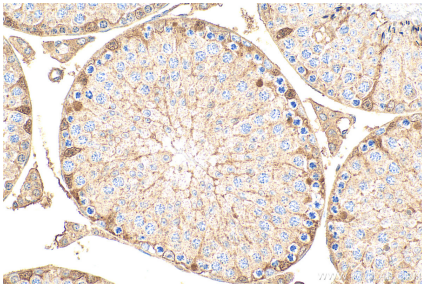
Various lysates were subjected to SDS PAGE followed by western blot with 31938-1-AP (ARHGAP23 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31938-1-PBS in a different storage buffer formulation.



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.