

For Research Use Only

# ARHGEF11 Polyclonal antibody, PBS Only

Catalog Number: 30508-1-PBS

Featured Product



## Basic Information

Catalog Number:

30508-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33104

GenBank Accession Number:

GeneID (NCBI):

9826

UNIPROT ID:

O15085

Full Name:

Rho guanine nucleotide exchange factor (GEF) 11

Calculated MW:

168 kDa

Observed MW:

200-220 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

ARHGEF11 (Rho guanine nucleotide exchange factor 11) is a specific guanine nucleotide exchange factor (GEF) for RhoA, which is a critical regulator of actin cytoskeleton dynamics and organization of dendritic spines and inhibitor of spine maintenance (PMID: 28036092). ARHGEF11 has been proven to promote tumor metastasis in glioblastoma and ovarian carcinoma (PMID: 33122451).

## 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:

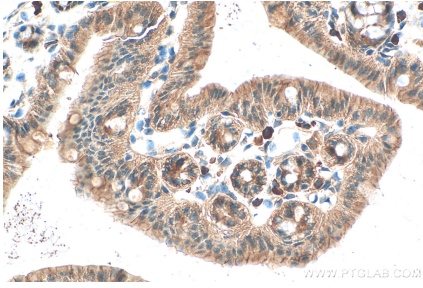
T: 4006900926

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

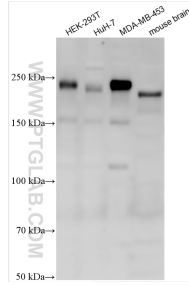
W: [ptgcn.com](http://ptgcn.com)

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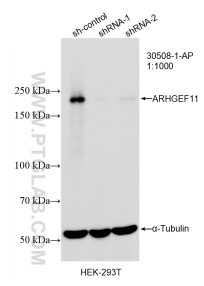
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 30508-1-AP (ARHGEF11 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 30508-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 30508-1-AP (ARHGEF11 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30508-1-PBS in a different storage buffer formulation.



WB result of ARHGEF11 antibody (30508-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ARHGEF11 transfected HEK-293T cells. This data was developed using the same antibody clone with 30508-1-PBS in a different storage buffer formulation.