

For Research Use Only

# ARFGEF1 Polyclonal antibody, PBS Only

Catalog Number: 31684-1-PBS



## Basic Information

Catalog Number:

31684-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35629

GenBank Accession Number:

NM\_001413184

GeneID (NCBI):

10565

UNIPROT ID:

Q9Y6D6

Full Name:

ADP-ribosylation factor guanine nucleotide-exchange factor 1 (brefeldin A-inhibited)

Calculated MW:

208kDa

Observed MW:

210 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

ARFGEF1 (ADP ribosylation factor guanine nucleotide exchange factor 1), also known as BIG1 (Brefeldin A-inhibited guanine nucleotide exchange protein 1), is one of the ADP ribosylation factor (ARF) guanine nucleotide exchange factor (GEF) with a conserved catalytic sec7 domain. ARFGEF1 is connected with trafficking regulation through the trans-Golgi network and endosomes (PMID: 35090882).

## 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

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

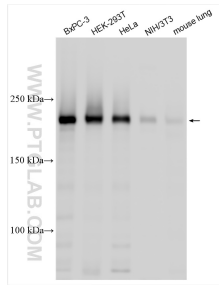
T: 4006900926

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

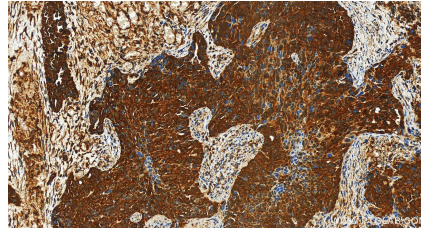
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31684-1-AP (ARFGEF1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31684-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 31684-1-AP (ARFGEF1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31684-1-PBS in a different storage buffer formulation.