

For Research Use Only

# ARF3 Polyclonal antibody, PBS Only

Catalog Number: 22289-1-PBS



## Basic Information

Catalog Number:

22289-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001659

GeneID (NCBI):

377

UNIPROT ID:

P61204

Full Name:

ADP-ribosylation factor 3

Calculated MW:

21 kDa

Observed MW:

18-20 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

ADP-ribosylation factors (ARFs) are members of the ARF family of GTP-binding proteins of the Ras superfamily, with 20kda protein size. ARFs bind and regulate GTP/GDP cycle by alternating between the active GTP-bound and inactive GDP-bound conformations. ARF family proteins are essential and ubiquitous in eukaryotes. Six highly conserved members of the family have been identified in mammalian cells. They function in vesicular traffic and actin remodelling and other bioprocesses in cells. ARF3 is 95% homologous to ARF1. Its function was not fully understood. (PMID: 7759471, PMID: 16042562). The antibody is specific to ARF3. It has no cross reaction to other ARF members.

## 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)

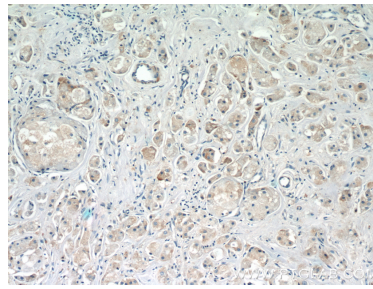
W: [ptgcn.com](http://ptgcn.com)

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

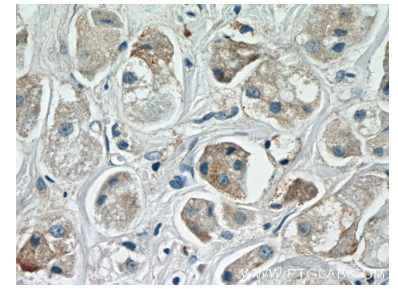
## Selected Validation Data



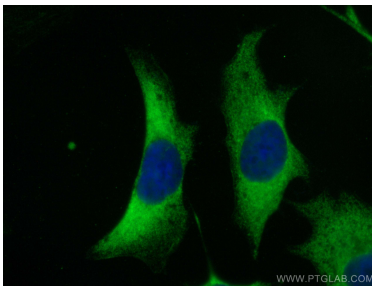
mouse brain tissue were subjected to SDS PAGE followed by western blot with 22289-1-AP (ARF3 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 22289-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer slide using 22289-1-AP (ARF3 Antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 22289-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer slide using 22289-1-AP (ARF3 Antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 22289-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using ARF3 antibody (22289-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 22289-1-PBS in a different storage buffer formulation.