

For Research Use Only

# PRKG2 Polyclonal antibody, PBS Only

Catalog Number: 55138-1-PBS

Featured Product



## Basic Information

Catalog Number:

55138-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_006259

GeneID (NCBI):

5593

UNIPROT ID:

Q13237

Full Name:

protein kinase, cGMP-dependent, type II

Calculated MW:

87 kDa

Observed MW:

85-90 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

PRKG2, also named as PRKGR2 and cGK2, belongs to the protein kinase superfamily, AGC Ser/Thr protein kinase family and cGMP subfamily. It catalyses the reaction: ATP + a protein = ADP + a phosphoprotein. The antibody is specific to PRKG2.

## 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:

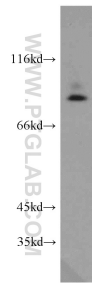
T: 4006900926

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

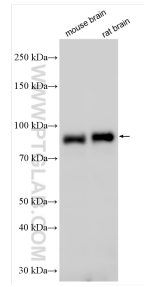
W: [ptgcn.com](http://ptgcn.com)

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

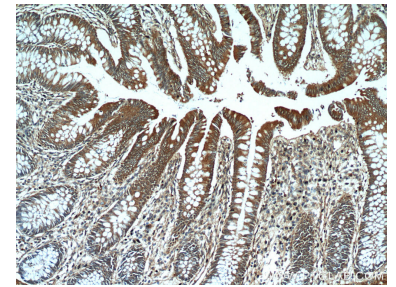
## Selected Validation Data



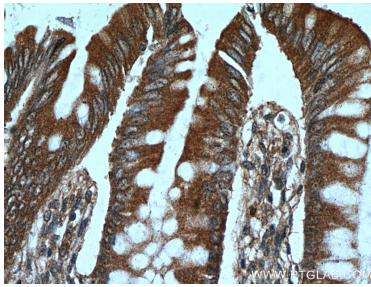
mouse brain tissue were subjected to SDS PAGE followed by western blot with 55138-1-AP (PRKG2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 55138-1-PBS in a different storage buffer formulation.



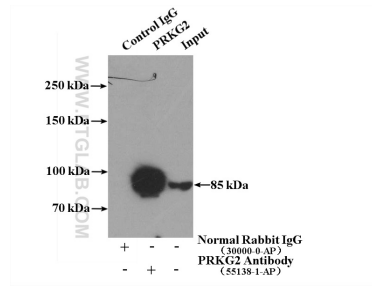
Various lysates were subjected to SDS PAGE followed by western blot with 55138-1-AP (PRKG2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 55138-1-PBS in a different storage buffer formulation.



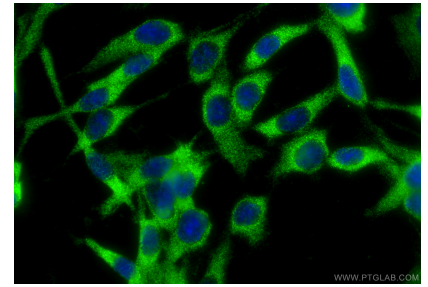
Immunohistochemical analysis of paraffin-embedded human colon using 55138-1-AP (PRKG2 antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 55138-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon using 55138-1-AP (PRKG2 antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 55138-1-PBS in a different storage buffer formulation.



IP result of anti-PRKG2 (IP:55138-1-AP, 4ug; Detection:55138-1-AP 1:500) with mouse brain tissue lysate 4000ug. This data was developed using the same antibody clone with 55138-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed C6 cells using PRKG2 antibody (55138-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 55138-1-PBS in a different storage buffer formulation.