

For Research Use Only

RGS12 Polyclonal antibody, PBS Only

Catalog Number: 29803-1-PBS



Basic Information

Catalog Number:

29803-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30731

GenBank Accession Number:

NM_198229

GeneID (NCBI):

6002

UNIPROT ID:

O14924

Full Name:

regulator of G-protein signaling 12

Calculated MW:

156 kDa

Observed MW:

140-150 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Regulator of G-protein signaling 12 (RGS12) regulates G protein-coupled receptor signaling cascades. Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form. This antibody can be detected as 140-150 kDa.

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:

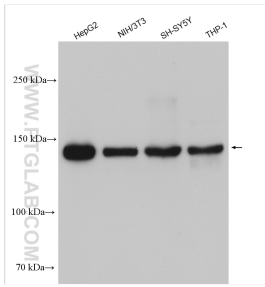
T: 4006900926

E: Proteintech-CN@ptglab.com

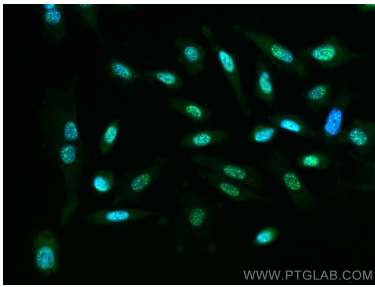
W: ptgcn.com

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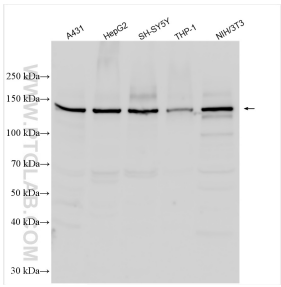
Selected Validation Data



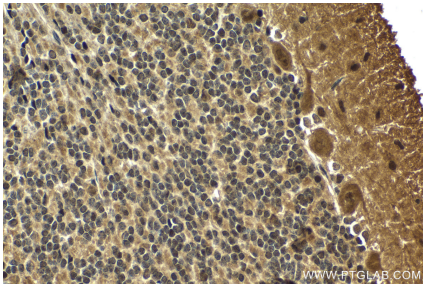
Various lysates were subjected to SDS PAGE followed by western blot with 29803-1-AP (RGS12 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29803-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed PC-3 cells using RGS12 antibody (29803-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 29803-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 29803-1-AP (RGS12 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29803-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using 29803-1-AP (RGS12 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29803-1-PBS in a different storage buffer formulation.