

For Research Use Only

# CACNA1G Polyclonal antibody, PBS Only

Catalog Number: 17821-1-PBS



## Basic Information

**Catalog Number:**

17821-1-PBS

**Size:**

100ug , Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG12188

**GenBank Accession Number:**

BC110995

**GeneID (NCBI):**

8913

**UNIPROT ID:**

O43497

**Full Name:**

calcium channel, voltage-dependent, T type, alpha 1G subunit

**Calculated MW:**

2261aa,250 kDa; 2377aa,263 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

IHC, IF-P, Indirect ELISA

**Species Specificity:**

human, mouse, rat

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

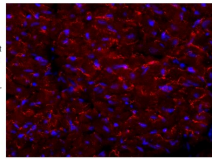
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

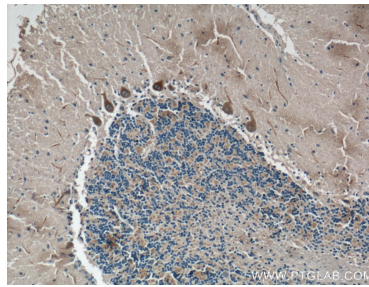
## Selected Validation Data

CACNA1G Polyclonal Antibody 17821-1-AP

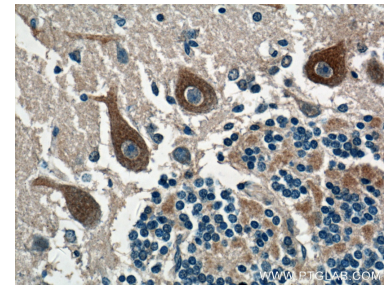
Immunofluorescence of frozen mouse heart section. 1:100 dilution of 17821-1-AP overnight at 4°C in Block. Secondary antibody: Alexa 594 Goat anti-rabbit. Apparent sarcolemmal expression, as expected.



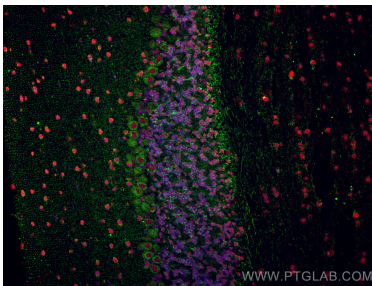
IF result of anti-CACNA1G (17821-1-AP) in frozen mouse heart section by Dr Nicola Smart. This data was developed using the same antibody clone with 17821-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human cerebellum tissue slide using 17821-1-AP (CACNA1G Antibody) at dilution of 1:100 (under 10x lens). This data was developed using the same antibody clone with 17821-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human cerebellum tissue slide using 17821-1-AP (CACNA1G Antibody) at dilution of 1:100 (under 40x lens). This data was developed using the same antibody clone with 17821-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse cerebellum tissue using CACNA1G antibody (17821-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), FUS/TLS antibody (68262-1-Ig, Clone: 1B4F8, red). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17821-1-PBS in a different storage buffer formulation.