

For Research Use Only

CACNA1G Polyclonal antibody, PBS Only

Catalog Number: 17821-1-PBS



Basic Information

Catalog Number:

17821-1-PBS

Concentration:

1 mg/ml

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

Background Information

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

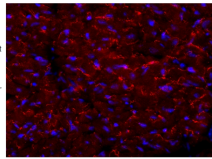
W: ptgcn.com

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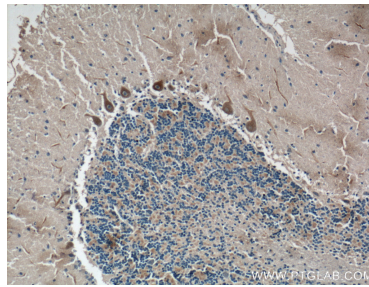
Selected Validation Data

CACNA1G Polyclonal Antibody 17821-1-AP

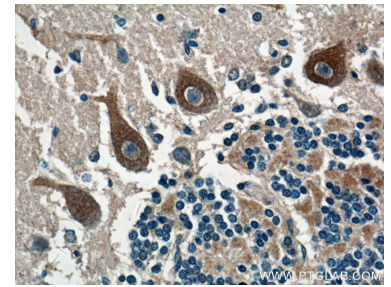
Immunofluorescence of frozen mouse heart section. 1:100 dilution of 17821-1-AP overnight at 4°C in Block. Secondary antibody: Alexa 594 Goat anti-rabbit. Apparent sarcolemmal expression, as expected.



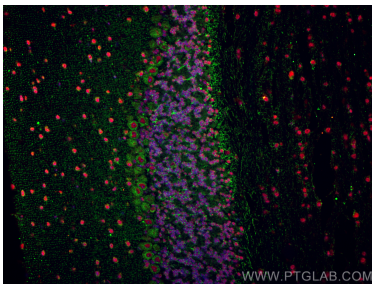
IF result of anti-CACNA1G (17821-1-AP) in frozen mouse heart section by Dr Nicola Smart. This data was developed using the same antibody clone with 17821-1-PBS in a different storage buffer formulation.



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.