

For Research Use Only

CACNG2 Polyclonal antibody

Catalog Number: 20969-1-AP



Basic Information

Catalog Number:

20969-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_006078

GeneID (NCBI):

10369

UNIPROT ID:

Q9Y698

Full Name:

calcium channel, voltage-dependent,
gamma subunit 2

Calculated MW:

36 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:20-1:200

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human, mouse

Positive Controls:

IHC : mouse brain tissue,

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Background Information

Voltage-dependent calcium channel gamma-2 subunit (CACNG2, also known as stargazin or TARP gamma-2) is a brain-specific transmembrane AMPA receptor regulatory protein. CACNG2 is intimately involved in the trafficking of glutamatergic AMPA receptors and the modulation of their ion channel function (PMID: 20688780).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

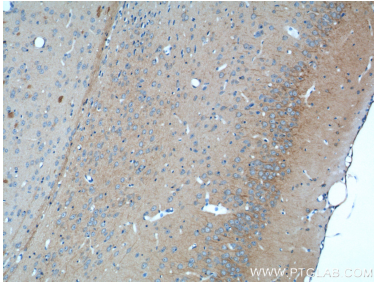
T: 4006900926

E: Proteintech-CN@ptglab.com

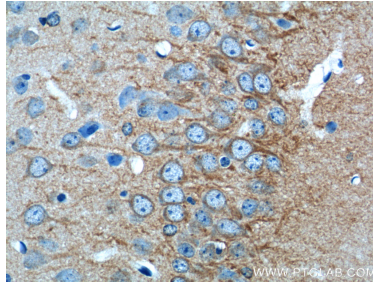
W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20969-1-AP (CACNG2 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20969-1-AP (CACNG2 Antibody) at dilution of 1:50 (under 40x lens).