

For Research Use Only

# CACNA1A Polyclonal antibody

Catalog Number: 27227-1-AP



## Basic Information

Catalog Number:

27227-1-AP

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25943

GenBank Accession Number:

NM\_000068

GeneID (NCBI):

773

UNIPROT ID:

O00555

Full Name:

calcium channel, voltage-dependent,

P/Q type, alpha 1A subunit

Calculated MW:

282 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human

Positive Controls:

IHC : human 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

### 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:

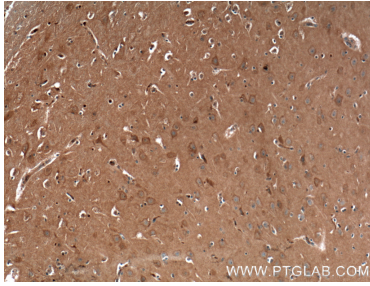
T: 4006900926

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

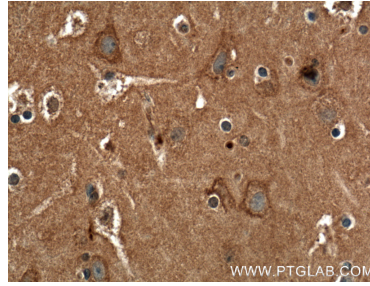
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 27227-1-AP (CACNA1A Antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 27227-1-AP (CACNA1A Antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).