

For Research Use Only

CACNA1D Polyclonal antibody

Catalog Number: 22276-1-AP



Basic Information

Catalog Number:

22276-1-AP

Size:

150ul , Concentration: 650 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000720

GeneID (NCBI):

776

UNIPROT ID:

Q01668

Full Name:

calcium channel, voltage-dependent, L type, alpha 1D subunit

Calculated MW:

248 kDa

Observed MW:

200-250 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human

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

Positive Controls:

WB : HEK-293 cells,

IHC : human brain tissue,

IF/ICC : SH-SY5Y cells,

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

*** 20ul sizes contain 0.1% BSA

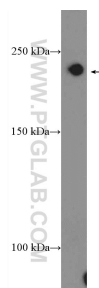
For technical support and original validation data for this product please contact:

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

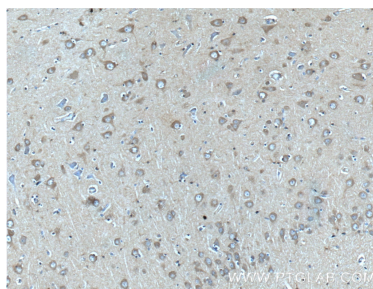
E: proteintech@ptglab.com
W: ptglab.com

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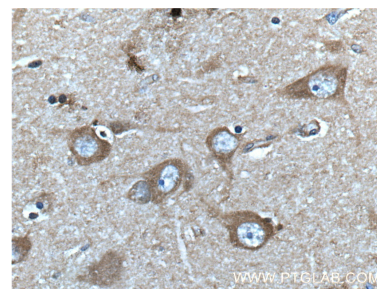
Selected Validation Data



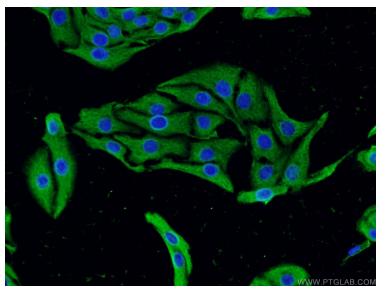
HEK-293 cells were subjected to SDS PAGE followed by western blot with 22276-1-AP (CACNA1D Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 22276-1-AP (CACNA1D Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 22276-1-AP (CACNA1D Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of SH-SY5Y cells using 22276-1-AP (CACNA1D antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).