

For Research Use Only

CACNA1D Polyclonal antibody

Catalog Number: 22276-1-AP



Basic Information

Catalog Number: 22276-1-AP	GenBank Accession Number: NM_000720	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 650 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 776	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200 IF 1:10-1:100
Source: Rabbit	Full Name: calcium channel, voltage-dependent, L type, alpha 1D subunit	
Isotype: IgG	Calculated MW: 248 kDa	
	Observed MW: 200-250 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : HEK-293 cells, IHC : human brain tissue, IF : SH-SY5Y cells,
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	

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

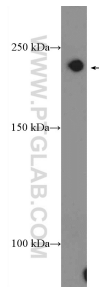
For technical support and original validation data for this product please contact:

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

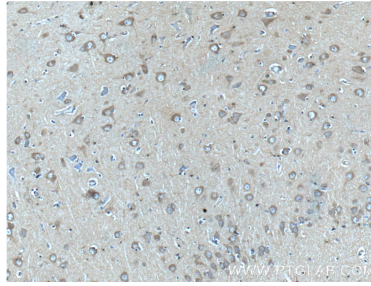
E: proteintech@ptglab.com
W: ptglab.com

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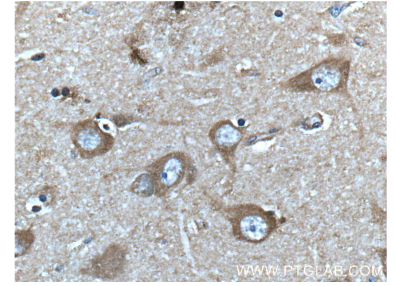
Selected Validation Data



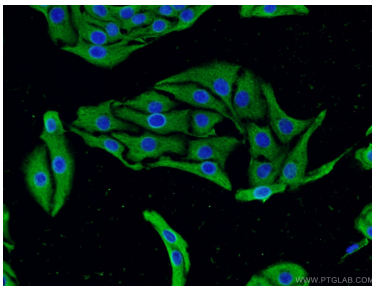
HEK-293 cells were subjected to SDS PAGE followed by western blot with 22276-1-AP (CACNA1D Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



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).