

For Research Use Only

C1orf83 Polyclonal antibody

Catalog Number: 20940-1-AP



Basic Information

Catalog Number: 20940-1-AP	GenBank Accession Number: BC035374	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 550 ug/ml by Nanodrop and 373 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 127428	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q96MN5	IHC 1:50-1:500
Isotype: IgG	Full Name: chromosome 1 open reading frame 83	IF/ICC 1:50-1:500
Immunogen Catalog Number: AG15040	Calculated MW: 208 aa, 23 kDa	
	Observed MW: 24 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

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, HeLa cells, Jurkat cells, K-562 cells

IHC : mouse cerebellum tissue, human brain tissue, human breast cancer tissue, mouse brain tissue

IF/ICC : HeLa cells,

Background Information

Chromosome 1 open reading frame 83 (C1orf83) is also called TCEANC2, a little-studied transcription elongation factor. The rs10788972 variant of the TCEANC2 gene in the PARK10 region is closely associated with sporadic PD in the American population, while both rs10788972 and rs12046178 variants are not associated with sporadic PD in the Chinese Han population (PMID: 25663231; PMID: 26432391).

Storage

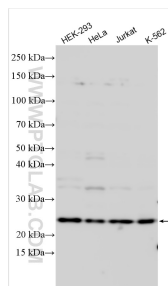
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

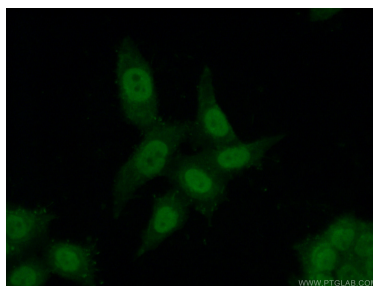
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

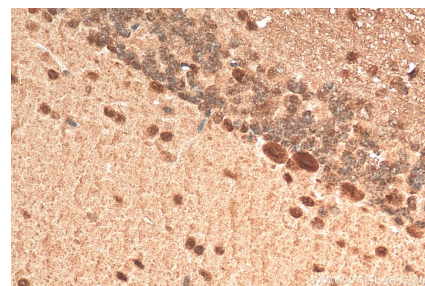
Selected Validation Data



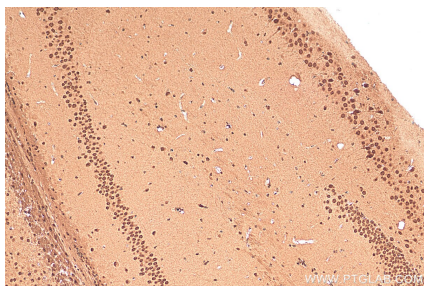
Various lysates were subjected to SDS PAGE followed by western blot with 20940-1-AP (C1orf83 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



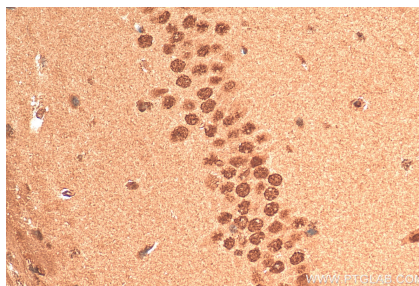
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 20940-1-AP (C1orf83 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



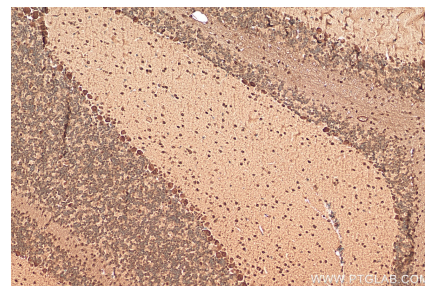
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 20940-1-AP (C1orf83 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20940-1-AP (C1orf83 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20940-1-AP (C1orf83 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 20940-1-AP (C1orf83 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).