

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: 550 ug/ml | GeneID (NCBI): 127428 | Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:50-1:500 |
| Source: Rabbit | UNIPROT ID: Q96MN5 | |
| Isotype: IgG | Full Name: chromosome 1 open reading frame 83 | |
| 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

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

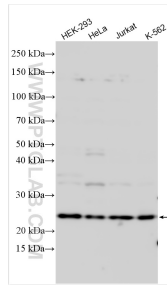
T: 4006900926

E: Proteintech-CN@ptglab.com

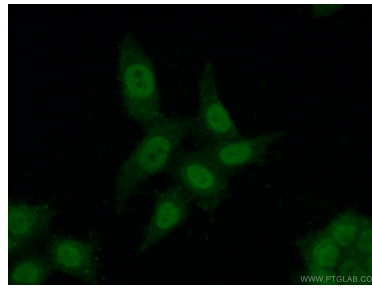
W: ptgcn.com

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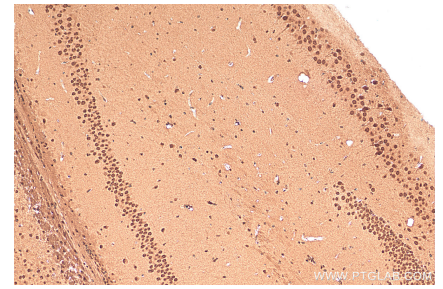
Selected Validation Data



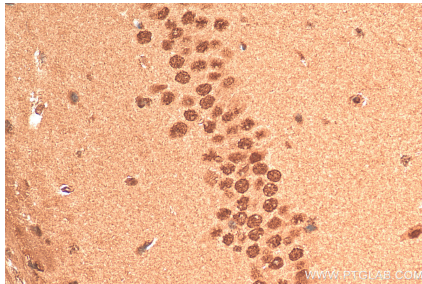
Various lysates were subjected to SDS PAGE followed by western blot with 20940-1-AP (C1orf83 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



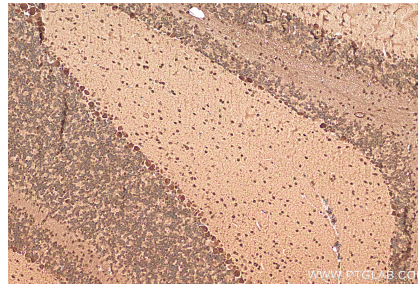
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 20940-1-AP (C1orf83 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



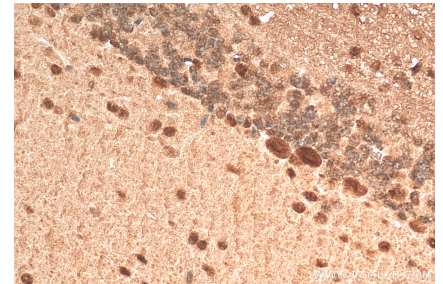
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20940-1-AP (C1orf83 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



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).