

For Research Use Only

C1orf83 Recombinant antibody

Catalog Number: 83626-3-RR



Basic Information

Catalog Number:	83626-3-RR	GenBank Accession Number:	BC035374	Purification Method:	Protein A purification
Size:	100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI):	127428	CloneNo.:	240678D10
Source:	Rabbit	UNIPROT ID:	Q96MN5	Recommended Dilutions:	IHC 1:200-1:800 IF/ICC 1:125-1:500
Isotype:	IgG	Full Name:	chromosome 1 open reading frame 83		
Immunogen Catalog Number:	AG15040	Calculated MW:	208 aa, 23 kDa		

Applications

Tested Applications:	IHC, IF/ICC, FC (Intra), ELISA	Positive Controls:	
Species Specificity:	human	IHC :	mouse cerebellum tissue,
		IF/ICC :	HEK-293 cells,
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

C1orf83, also known as TCEANC2, and the rs10788972 variant of the TCEANC2 gene in the PARK10 region were identified as being strongly associated with sporadic PD in the US population.

Storage

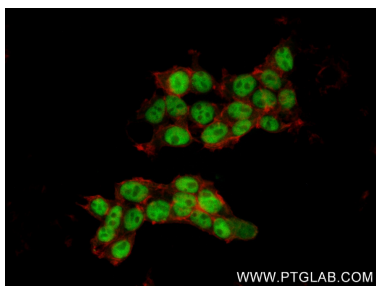
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

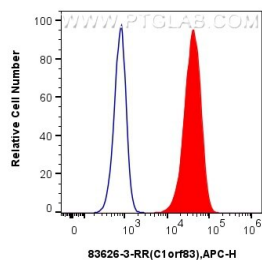
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

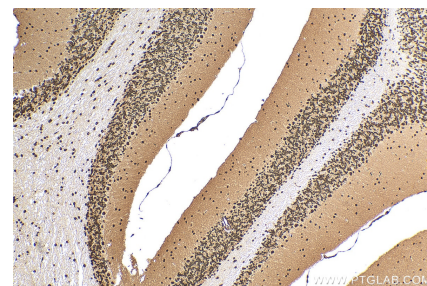
Selected Validation Data



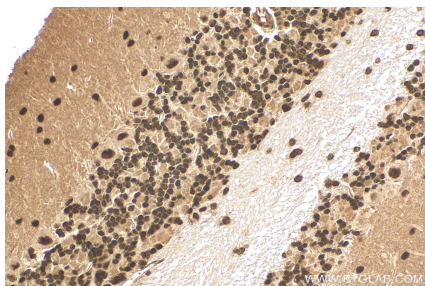
Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using C1orf83 antibody (83626-3-RR, Clone: 240678D10) at dilution of 1:250 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



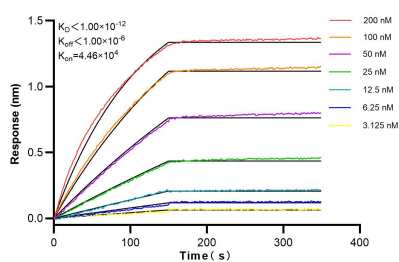
1×10^6 U2OS cells were intracellularly stained with 0.25 μ g C1orf83 Recombinant antibody (83626-3-RR, Clone:240678D10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 μ g Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 83626-3-RR (C1orf83 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 83626-3-RR (C1orf83 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 83626-3-RR against Human C1orf83 were performed. The affinity constant is below 1 pM.