

For Research Use Only

C1orf83 Recombinant antibody

Catalog Number:83626-5-RR



Basic Information

Catalog Number: 83626-5-RR	GenBank Accession Number: BC035374	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 127428	CloneNo.: 240678F1
Source: Rabbit	UNIPROT ID: Q96MN5	Recommended Dilutions: WB 1:500-1:2000 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	
	Observed MW: 24 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells IF/ICC : U2OS cells,
Species Specificity: human	

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:

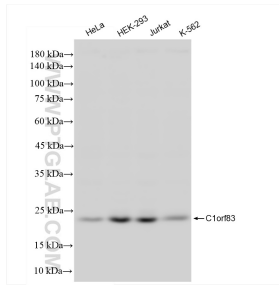
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E: Proteintech-CN@ptglab.com

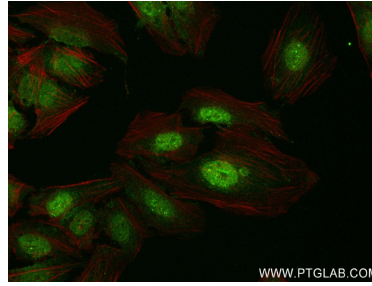
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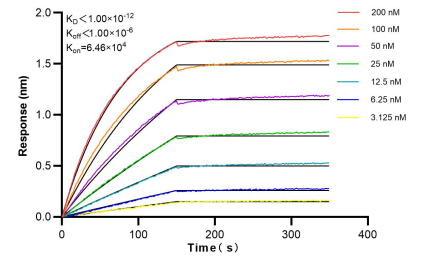
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83626-5-RR (C1orf83 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using C1orf83 antibody (83626-5-RR, Clone: 240678F1) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Bi-layer interferometry (BLI) kinetic assays of 83626-5-RR against Human C1orf83 were performed. The affinity constant is below 1 pM.