

For Research Use Only

POLR1A Recombinant antibody, PBS Only

Catalog Number: 85633-1-PBS



Basic Information

Catalog Number: 85633-1-PBS	GenBank Accession Number: BC017115	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 25885	CloneNo.: 243082E3
Source: Rabbit	UNIPROT ID: O95602	
Isotype: IgG	Full Name: polymerase (RNA) I polypeptide A, 194kDa	
Immunogen Catalog Number: AG14543	Calculated MW: 1720 aa, 195 kDa	
	Observed MW: 190-195 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

POLR1A, DNA-directed RNA polymerase I subunit RPA1, is a DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA. RNA polymerase I (Pol I) located in the nucleolus and transcribes class I genes, which code for large ribosomal RNA. Different subunits of the Pol I transcription are targets of various physiological stimuli, which suggests that multiple signaling pathways are involved in carrying out Pol I transcription. Together with the second largest subunit, it is the catalytic core component of RNA polymerase I that synthesizes ribosomal RNA precursors.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

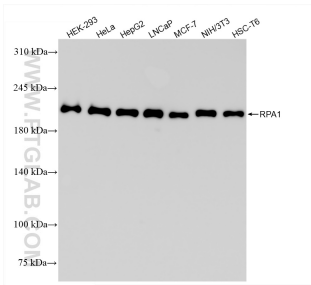
T: 4006900926

E: Proteintech-CN@ptglab.com

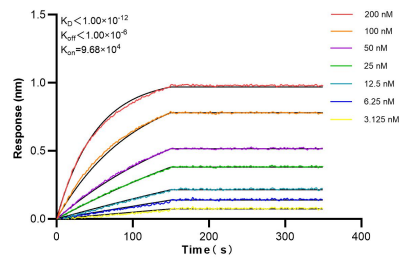
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85633-1-RR (POLR1A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85633-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85633-1-RR against Human POLR1A were performed. The affinity constant is below 1 pM.