

For Research Use Only

POLR2H Recombinant antibody

Catalog Number: 83439-1-RR



Basic Information

Catalog Number: 83439-1-RR	GenBank Accession Number: BC000739	Purification Method: Protein A purification
Size: 100ul , Concentration: 900 ug/ml by Nanodrop;	GeneID (NCBI): 5437	CloneNo.: 240410F9
Source: Rabbit	UNIPROT ID: P52434	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: polymerase (RNA) II (DNA directed) polypeptide H	
Immunogen Catalog Number: AG7166	Calculated MW: 17 kDa	
	Observed MW: 15-17 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, HL-60 cells, HepG2 cells, NIH/3T3 cells, Jurkat cells, SH-SY5Y cells
Species Specificity: Human, mouse	

Background Information

POLR2H, also known as hRPB8, is a 150 amino acid protein, which localizes in nucleolus and is expressed in 228 organ(s), highest expression level in mucosa of transverse colon. POLR2H. POLR2H is a DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. POLR2H is a common component of RNA polymerases I, II and III which synthesize ribosomal RNA precursors, mRNA precursors and many functional non-coding RNAs, and small RNAs, such as 5S rRNA and tRNAs, respectively

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

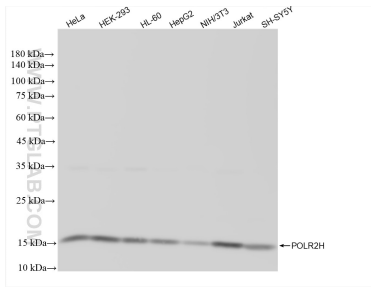
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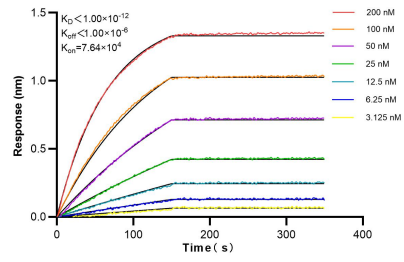
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83439-1-RR (POLR2H antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83439-1-RR against Human POLR2H were performed. The affinity constant is below 1 pM.