

# Product Datasheet

## RNA Polymerase II/POLR2A Antibody - BSA Free NBP2-55663

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-55663****RNA Polymerase II/POLR2A Antibody - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

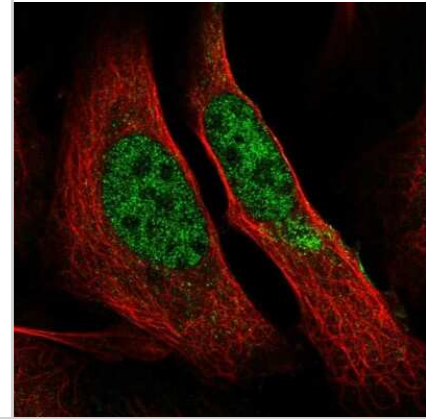
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit RNA Polymerase II/POLR2A Antibody - BSA Free (NBP2-55663) is a polyclonal antibody validated for use in ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5430
<b>Gene Symbol</b>	POLR2A
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: GFGDDLNCIFNDDNAEKLVLRLRIMNSDENKMQEEEEVVDKMDDDVFLRCIESN MLTDMTLQGIEQISKVYMHLPTDNKKKIITEDGEFKALQEWILETDGVSLMRV LS

<b>Product Application Details</b>	
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation-exo-Seq
<b>Recommended Dilutions</b>	Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Chromatin Immunoprecipitation-exo-Seq
<b>Application Notes</b>	Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

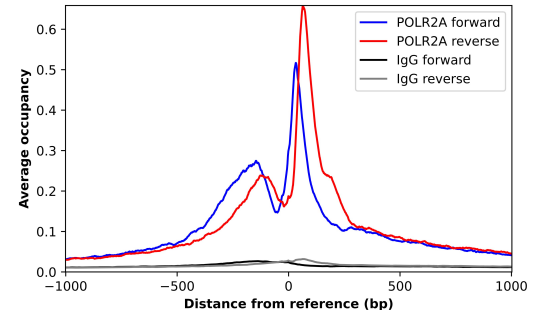


## Images

Immunocytochemistry/Immunofluorescence: RNA Polymerase II/POLR2A Antibody [NBP2-55663] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



ChIP-Exo-Seq composite graph for Anti-POLR2A (NBP2-55663) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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### **Products Related to NBP2-55663**

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NBP2-55663PEP	RNA Polymerase II/POLR2A Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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