

# Product Datasheet

## RNA Polymerase II/POLR2A [p Ser7] Antibody - Azide and BSA Free NBP3-16906-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-16906-100ul**

RNA Polymerase II/POLR2A [p Ser7] Antibody - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol

**Product Description**

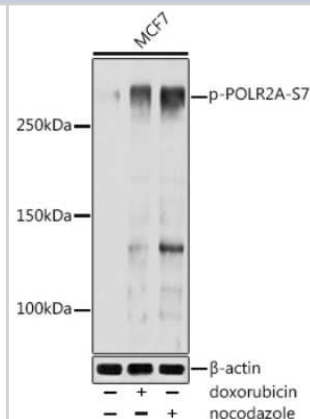
<b>Description</b>	Novus Biologicals Rabbit RNA Polymerase II/POLR2A [p Ser7] Antibody - Azide and BSA Free (NBP3-16906) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5430
<b>Gene Symbol</b>	POLR2A
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A phospho specific peptide corresponding to residues surrounding S7 of human RNA Polymerase II/POLR2A. SPSYS

**Product Application Details**

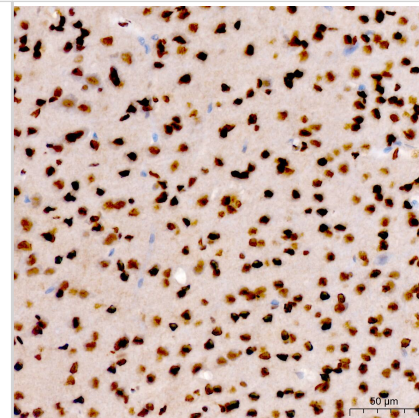
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200

**Images**

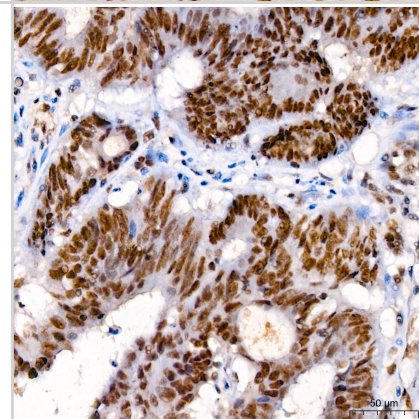
Western Blot: RNA Polymerase II/POLR2A [p Ser7] Antibody [NBP3-16906] - Western blot analysis of extracts of MCF7 cells, using RNA Polymerase II/POLR2A antibody (NBP3-16906) at 1:1000 dilution. MCF7 cells were treated by Doxorubicin (0.5 uM) at 37C for 24 hours. MCF7 cells were treated by nocodazole (50 ng/ml) at 37C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



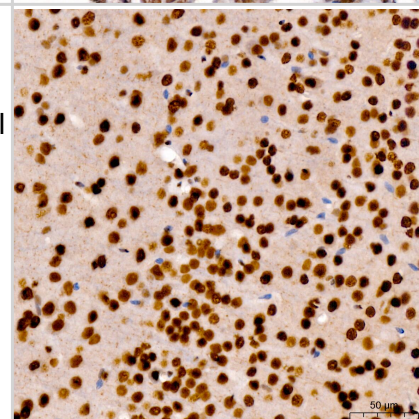
Immunohistochemistry: RNA Polymerase II/POLR2A [p Ser7] Antibody - Azide and BSA Free [NBP3-16906] - Immunohistochemistry analysis of paraffin-embedded Rat brain using RNA Polymerase II/POLR2A Rabbit pAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



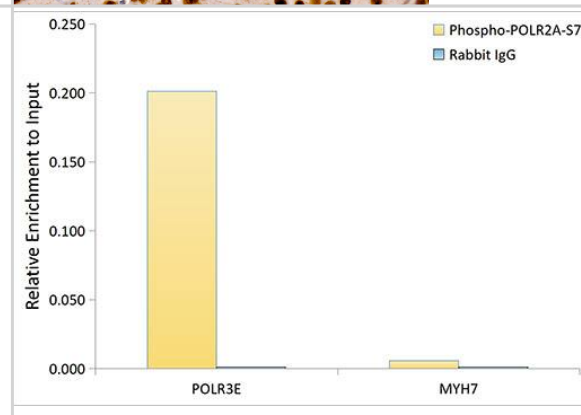
Immunohistochemistry: RNA Polymerase II/POLR2A [p Ser7] Antibody - Azide and BSA Free [NBP3-16906] - Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using RNA Polymerase II/POLR2A Rabbit pAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: RNA Polymerase II/POLR2A [p Ser7] Antibody - Azide and BSA Free [NBP3-16906] - Immunohistochemistry analysis of paraffin-embedded Mouse brain using RNA Polymerase II/POLR2A Rabbit pAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Chromatin Immunoprecipitation: RNA Polymerase II/POLR2A [p Ser7] Antibody - Azide and BSA Free [NBP3-16906] - Chromatin immunoprecipitation was performed with cross-linked chromatin from HeLa cells, using RNA Polymerase II/POLR2A Rabbit pAb and rabbit IgG . The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram compares the ratio of the immunoprecipitated DNA versus the input.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-16906-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005430-Q01-10ug	Recombinant Human RNA Polymerase II/POLR2A GST (N-Term) Protein

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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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