

# Product Datasheet

## NFIX Antibody - BSA Free NBP2-58904

Unit Size: 100 ul

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

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**NBP2-58904**

NFIX Antibody - BSA Free

Product Information	
<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

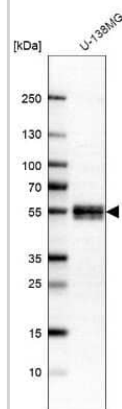
Product Description	
<b>Description</b>	Novus Biologicals Rabbit NFIX Antibody - BSA Free (NBP2-58904) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	4784
<b>Gene Symbol</b>	NFIX
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: SPSYYNINQVTLGRRSITSPSTSTTKRPKSIDDSEMESPVDDVFYPGTGRSPA AGSSQSSGWPNDVDAGSPRATASALHFPSTSIIQQSSPYFTHPTIRYHHHHGQ DSLKEFVQFVCSDGSGQATGQHSQRQAPPLPTGLSASD

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

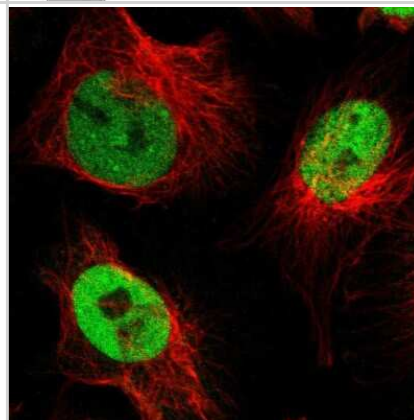


## Images

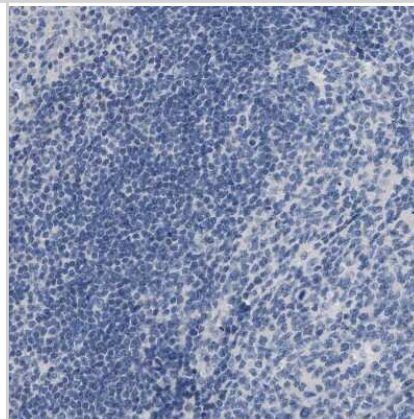
Western Blot: NFIX Antibody [NBP2-58904] - Analysis in human cell line U-138MG.



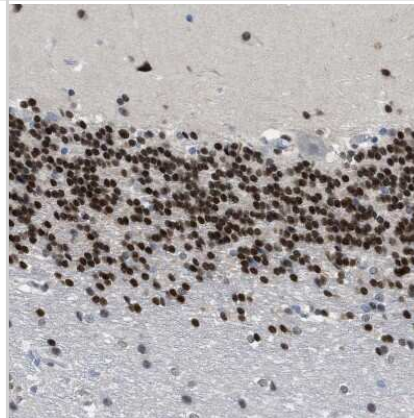
Immunocytochemistry/Immunofluorescence: NFIX Antibody [NBP2-58904] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining is shown in green.



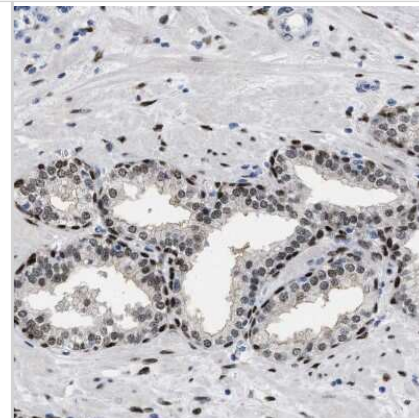
Immunohistochemistry-Paraffin: NFIX Antibody [NBP2-58904] - Staining of human tonsil shows no positivity in non-germinal center cells as expected.



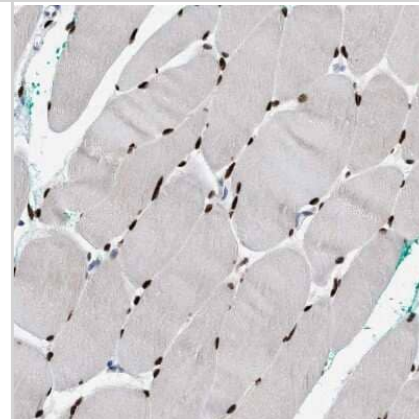
Immunohistochemistry-Paraffin: NFIX Antibody [NBP2-58904] - Staining of human cerebellum shows strong nuclear positivity in cells in granular layer.



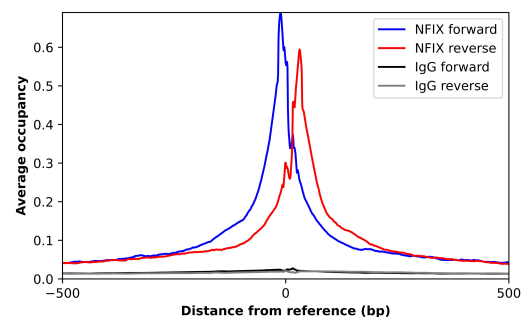
Immunohistochemistry-Paraffin: NFIX Antibody [NBP2-58904] - Staining of human prostate shows moderate to strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: NFIX Antibody [NBP2-58904] - Staining of human skeletal muscle shows strong nuclear positivity in myocytes.



ChIP-Exo-Seq composite graph for Anti-NFIX (NBP2-58904) 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.





### **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 NBP2-58904**

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NBP2-58904PEP	NFIX Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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