

# Product Datasheet

## RFX1 Antibody NBP1-52654

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-52654](http://www.novusbio.com/NBP1-52654)

Updated 10/23/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-52654](http://www.novusbio.com/reviews/destination/NBP1-52654)



**NBP1-52654****RFX1 Antibody****Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	TBS and 0.1% BSA

**Product Description**

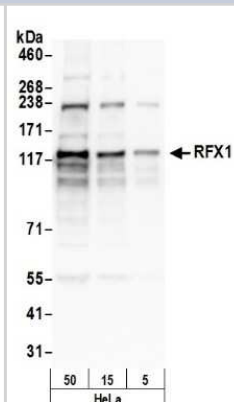
<b>Host</b>	Rabbit
<b>Gene ID</b>	5989
<b>Gene Symbol</b>	RFX1
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	The immunogen for this product maps to a region between residue 929 and 979 of human Regulatory Factor X, 1 using the numbering given in entry NP_002909.4 (GeneID 5989).

**Product Application Details**

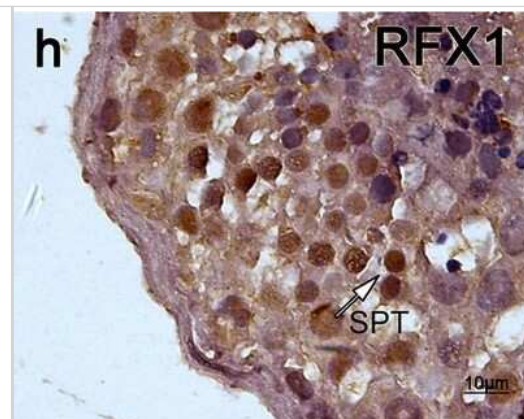
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000-1:10000, Immunohistochemistry 1:500-1:2000, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Paraffin 1:500 - 1:2000
<b>Application Notes</b>	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

**Images**

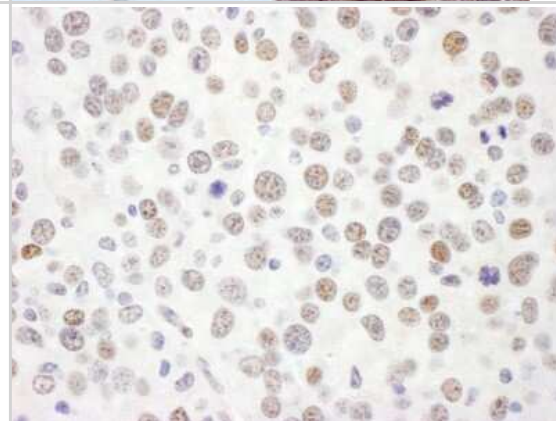
Western Blot: RFX1 Antibody [NBP1-52654] - Detection of Human RFX1 by Western Blot. Samples: Whole cell lysate (5, 15 and 50 ug) from HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RFX1 antibody NBP1-52654 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



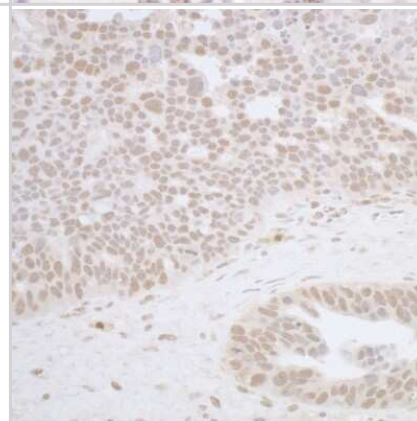
Immunohistochemistry: RFX1 Antibody [NBP1-52654] - Section stained with anti-RFX1 antibody. RFX1 belongs to Cluster 4. Spermatids were stained in brown. These distribution patterns were mostly consisted to that of transcripts. (Abbreviation: SPT=spermatid). Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/26753906/>) licensed under a CC-BY license.



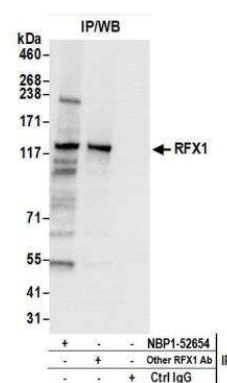
Immunohistochemistry-Paraffin: RFX1 Antibody [NBP1-52654] - Section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-RFX1 used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB. Counterstain: Hematoxylin (blue).



Immunohistochemistry-Paraffin: RFX1 Antibody [NBP1-52654] - Section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-RFX1 used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB. Counterstain: Hematoxylin (blue).



Immunoprecipitation: RFX1 Antibody [NBP1-52654] - Detection of human RFX1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RFX1 antibody NBP1-52654 used for IP at 6 ug per reaction. RFX1 was also immunoprecipitated by another rabbit anti-RFX1 antibody. For blotting immunoprecipitated RFX1, NBP1-52654 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



## Publications

Herranz-PErez V, Nakatani J, Ishii M et al. Ependymoma associated protein Zfta is expressed in immature ependymal cells but is not essential for ependymal development in mice Research Square 2021-12-13 [PMID: 35087169] (IF/IHC, Human)

Zhang H, Qin Z, Yue X Et al. Proteome-wide profiling of transcriptional machinery on accessible chromatin with biotinylated transposons Science advances 2021-10-22 [PMID: 34678055] (Chip Cytometry)

Julien L, Chassagne J, Peccate C et al. RFX1 and RFX3 Transcription Factors Interact with the D Sequence of Adeno-Associated Virus Inverted Terminal Repeat and Regulate AAV Transduction Sci Rep 2018-01-09 [PMID: 29317724] (WB, Human)

Zhu Z, Li C, Yang S et al. Dynamics of the Transcriptome during Human Spermatogenesis: Predicting the Potential Key Genes Regulating Male Gametes Generation. Sci Rep. 2016-01-12 [PMID: 26753906] (IHC-P, Human)





### **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 NBP1-52654**

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-17759PEP	RFX1 Recombinant Protein Antigen

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-52654](http://www.novusbio.com/reviews/submit/NBP1-52654)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

