

# Product Datasheet

## Periaxin Antibody - BSA Free NBP1-89598

Unit Size: 0.1 ml

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

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



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

**Reviews: 1 Publications: 7**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-89598](http://www.novusbio.com/NBP1-89598)

Updated 3/18/2026 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/NBP1-89598](http://www.novusbio.com/reviews/destination/NBP1-89598)



**NBP1-89598**

Periaxin Antibody - BSA Free

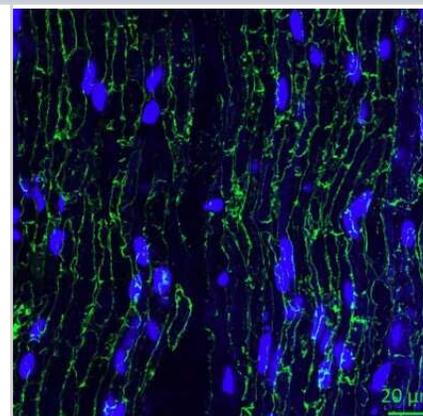
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<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>Host</b>	Rabbit
<b>Gene ID</b>	57716
<b>Gene Symbol</b>	PRX
<b>Species</b>	Human, Mouse, Canine
<b>Reactivity Notes</b>	Canine reactivity reported in scientific literature (PMID: 26196511). Mouse reactivity reported from a verified customer review.
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: MKVPDMKLPEIKLPKVPMAVPDVHLPEVQLPKVSEIRLPEMQVPKVPDVHLPK APEVKLPRAPEVQLKATKAEQAEGMEFGFKMPKMTMPKLGRAESPSRGKPGE AGAEVSGKLVTLPLCLQPEVDGEAHVGVPSLTLPSVELDL

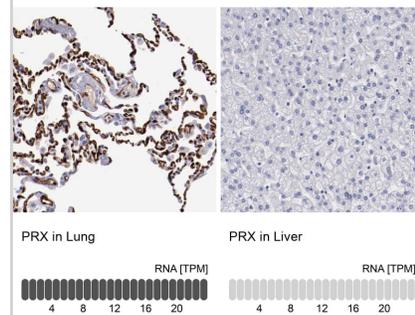
Product Application Details	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500, Immunohistochemistry-Frozen Validated from a verified customer review.
<b>Application Notes</b>	IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

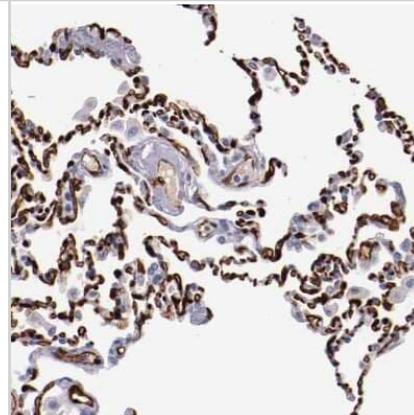
Immunohistochemistry-Frozen: Periaxin Antibody [NBP1-89598] - Staining of Periaxin in mouse sciatic nerve using anti-Periaxin antibody (green). Image from verified customer review.



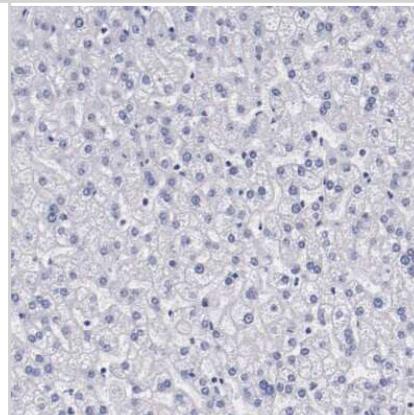
Analysis in human lung and liver tissues using NBP1-89598 antibody. Corresponding PRX RNA-seq data are presented for the same tissues.



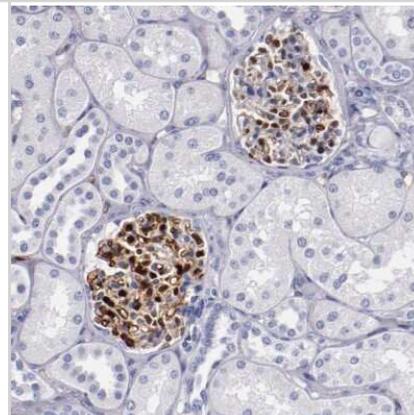
Immunohistochemistry-Paraffin: Periaxin Antibody [NBP1-89598] - Staining of human lung shows strong membranous positivity in pneumocytes.



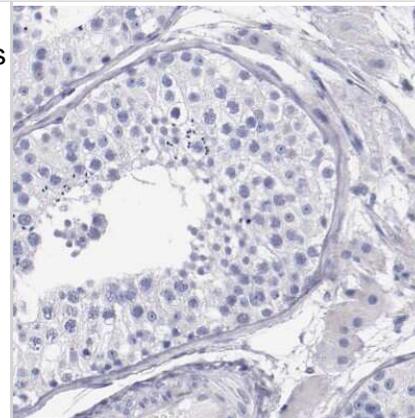
Immunohistochemistry-Paraffin: Periaxin Antibody [NBP1-89598] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: Periaxin Antibody [NBP1-89598] - Staining of human kidney shows strong membranous positivity in cells in glomeruli.



Immunohistochemistry-Paraffin: Periaxin Antibody [NBP1-89598] - Staining of human testis shows no positivity in cells in seminiferous ducts as expected.



## Publications

Sauler M, McDonough JE, Adams TS et al. Characterization of the COPD alveolar niche using single-cell RNA sequencing *Nature Communications* 2022-01-25 [PMID: 35078977] (Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Canine)

Yuan Y, Leiby KL, Greaney AM et al. A Pulmonary Vascular Model From Endothelialized Whole Organ Scaffolds *Frontiers in Bioengineering and Biotechnology* 2021-11-19 [PMID: 34869270] (Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Canine)

Han SH, Kim YH, Park SJ, Cho JG et al. COUP-TFII plays a role in cAMP-induced Schwann cell differentiation and in vitro myelination by up-regulating Krox20 *J Neurochem* 2023-01-17 [PMID: 36648143]

Shen M, Chen Z, Ming M, Cheng Z et al. The acetylome of adult mouse sciatic nerve *J Neurochem* 2022-05-19 [PMID: 35585794]

Koeppen AH, Becker AB, Qian J et al. Friedreich Ataxia: Developmental Failure of the Dorsal Root Entry Zone. *J. Neuropathol. Exp. Neurol.* 2017-11-01 [PMID: 29044418]

Kamp JC, Neubert L, Schupp JC et al. Multilamellated basement membranes in the capillary network of alveolar capillary dysplasia *The American journal of pathology* 2023-11-27 [PMID: 38029923]

Kegler K, Spitzbarth I, Imbschweiler I et al. Contribution of Schwann Cells to Remyelination in a Naturally Occurring Canine Model of CNS Neuroinflammation. *PLoS One* 2015-01-01 [PMID: 26196511] (IF/IHC, ICC/IF, Canine)



### **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 NBP1-89598**

---

NBP1-89598PEP	Periaxin 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

---

### **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/NBP1-89598](http://www.novusbio.com/reviews/submit/NBP1-89598)

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

