

# Product Datasheet

## PNKD Antibody - BSA Free

### NBP1-88347

Unit Size: 0.1 ml

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

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**NBP1-88347**

PNKD Antibody - BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 ml                                                                                                           |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality           | Polyclonal                                                                                                       |
| Preservative        | 0.02% Sodium Azide                                                                                               |
| Isotype             | IgG                                                                                                              |
| Purity              | Immunogen affinity purified                                                                                      |
| Buffer              | PBS (pH 7.2) and 40% Glycerol                                                                                    |

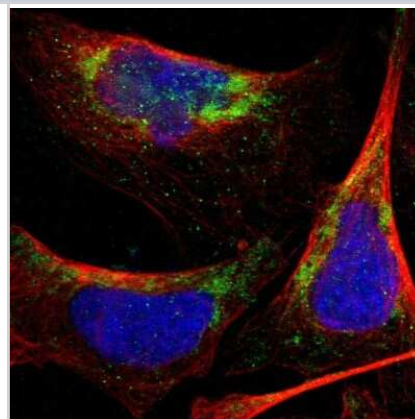
| Product Description |                                                                                                                                                                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Rabbit PNKD Antibody - BSA Free (NBP1-88347) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PNKD Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit                                                                                                                                                                                                                                           |
| Gene ID             | 25953                                                                                                                                                                                                                                            |
| Gene Symbol         | PNKD                                                                                                                                                                                                                                             |
| Species             | Human, Mouse                                                                                                                                                                                                                                     |
| Reactivity Notes    | Mouse reactivity reported in scientific literature (PMID: 25617893).                                                                                                                                                                             |
| Immunogen           | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>GATANKASHNRTRALQSHSSPEGKEEPEPLSPELEYIPRKRKGKNPMKA                                                                                                       |

| Product Application Details |                                                                                                                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated                                                          |
| Recommended Dilutions       | 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, Knockdown Validated |
| Application Notes           | WB reported in scientific literature (PMID: 25617893). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.                   |

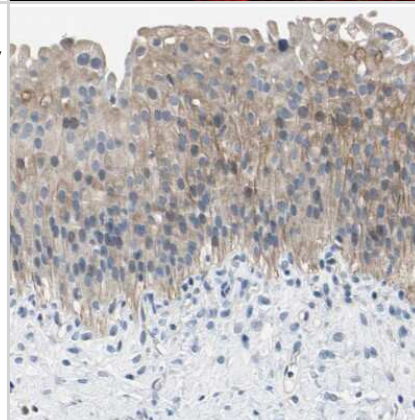


## Images

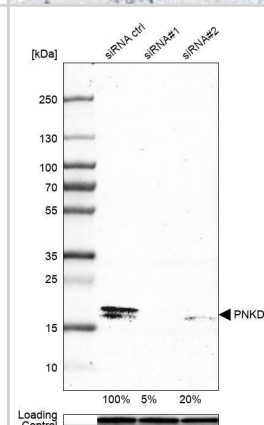
Immunocytochemistry/Immunofluorescence: PNKD Antibody [NBP1-88347] - Immunofluorescent staining of human cell line U-2 OS shows localization to mitochondria.



Immunohistochemistry-Paraffin: PNKD Antibody [NBP1-88347] - Staining of human urinary bladder shows moderate cytoplasmic positivity in urothelial cells.



Analysis in MCF-7 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-PNKD antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



## Publications

Karbalaei M, Ekman M, Krawczyk K et al. Detrusor Induction of miR-132/212 following Bladder Outlet Obstruction: Association with MeCP2 Repression and Cell Viability PLoS One. 2015-01-24 [PMID: 25617893] (WB, Mouse)



### **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](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **Products Related to NBP1-88347**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-88347PEP | PNKD 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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