

# Product Datasheet

## PUS10 Antibody - BSA Free

### NBP2-48941

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)

#### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-48941](http://www.novusbio.com/NBP2-48941)

Updated 9/9/2025 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/NBP2-48941](http://www.novusbio.com/reviews/destination/NBP2-48941)



**NBP2-48941**

PUS10 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>        | Immunogen affinity purified                                                                                      |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol                                                                                    |

**Product Description**

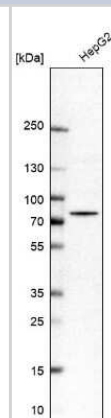
|                    |                                                                                                                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit PUS10 Antibody - BSA Free (NBP2-48941) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PUS10 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Rabbit                                                                                                                                                                                                                                             |
| <b>Gene ID</b>     | 150962                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b> | PUS10                                                                                                                                                                                                                                              |
| <b>Species</b>     | Human                                                                                                                                                                                                                                              |
| <b>Immunogen</b>   | This antibody was developed against a recombinant protein corresponding to amino acids:<br>NSPKAVCAVLEIECAHGAVFVAGRYNKYSRNLQPQTPWIIDGERKLESSVEELIS<br>DHLLAVFKAESFNFSSSGREDVDVRTLGNGRPF AIELVNP HRVHFTS QEIKE                                      |

**Product Application Details**

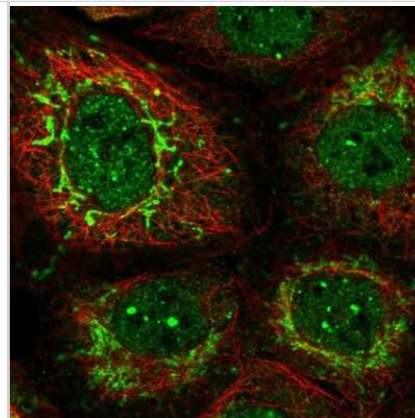
|                              |                                                                                                                                                                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                        |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.                                                   |

**Images**

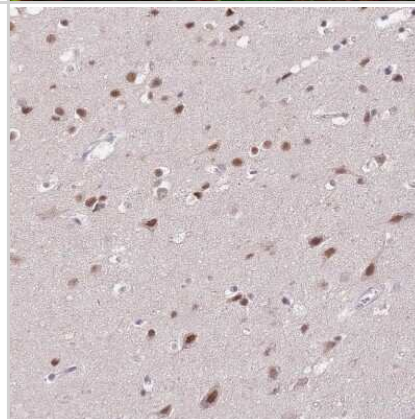
Western Blot: PUS10 Antibody [NBP2-48941] - Analysis in human cell line HepG2.



Immunocytochemistry/Immunofluorescence: PUS10 Antibody [NBP2-48941] - Staining of human cell line A-431 shows localization to nucleoplasm, nuclear bodies & mitochondria.



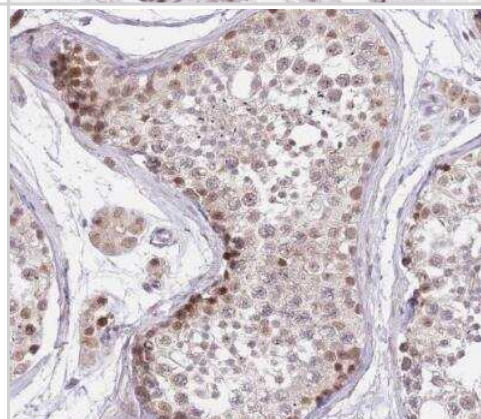
Immunohistochemistry-Paraffin: PUS10 Antibody [NBP2-48941] - Staining of human Cerebral cortex shows moderate nuclear and cytoplasmic positivity in neuronal cells.



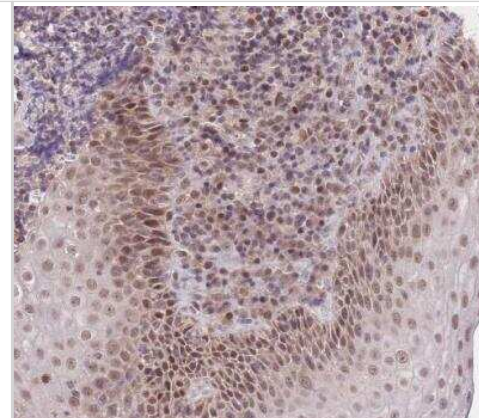
Immunohistochemistry-Paraffin: PUS10 Antibody [NBP2-48941] - Staining of human thyroid gland shows moderate nuclear positivity in glandular cells.



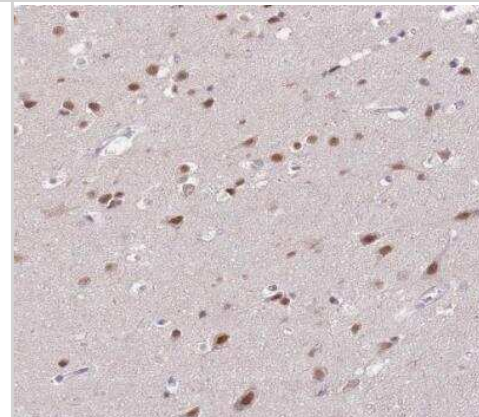
Immunohistochemistry-Paraffin: PUS10 Antibody [NBP2-48941] - Staining of human testis shows moderate nuclear and cytoplasmic positivity in cells in seminiferous ducts.



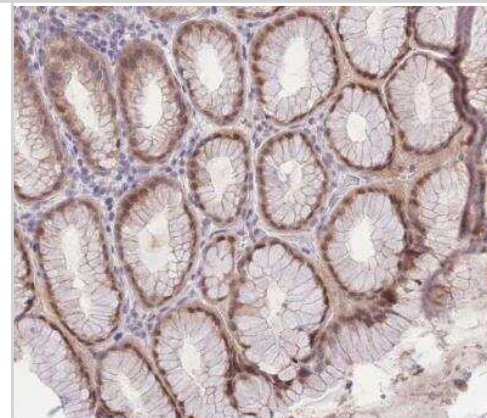
Immunohistochemistry-Paraffin: PUS10 Antibody [NBP2-48941] - Staining of human tonsil shows moderate nuclear and cytoplasmic positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: PUS10 Antibody [NBP2-48941] - Staining of human cerebral cortex shows moderate nuclear and cytoplasmic positivity in neuronal cells.



Immunohistochemistry-Paraffin: PUS10 Antibody [NBP2-48941] - Staining of human stomach shows moderate nuclear and cytoplasmic positivity in glandular cells.



## Publications

Luo W, Xu Z, Wang H et Al. HIF1A-repressed PUS10 regulates NUDC/Cofilin1 dependent renal cell carcinoma migration by promoting the maturation of miR-194-5p Cell Biosci 2023-08-18 [PMID: 37596681]



### **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 NBP2-48941**

---

|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-48941PEP | PUS10 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/NBP2-48941](http://www.novusbio.com/reviews/submit/NBP2-48941)

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

