

# Product Datasheet

## **NOP56 Antibody (CL2603) - BSA Free NBP2-36778**

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)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-36778](http://www.novusbio.com/NBP2-36778)

Updated 3/11/2025 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/NBP2-36778](http://www.novusbio.com/reviews/destination/NBP2-36778)



**NBP2-36778**

NOP56 Antibody (CL2603) - BSA Free

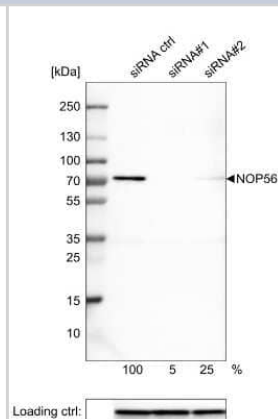
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2603
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	10528
Gene Symbol	NOP56
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from O00567, with the exact immunogen sequence remaining proprietary.

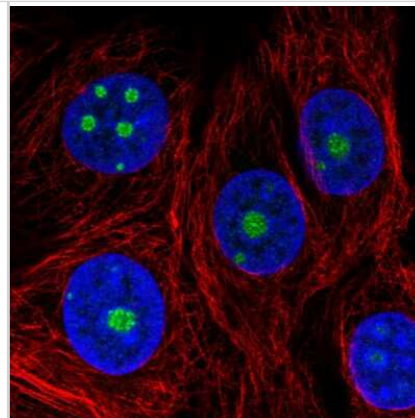
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

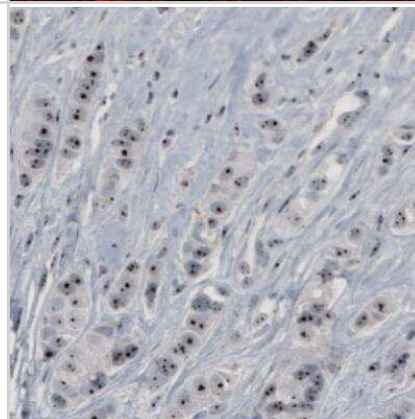
Western Blot: NOP56 Antibody (CL2603) [NBP2-36778] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-NOP56 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



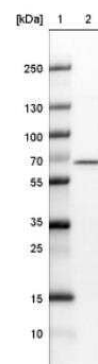
Immunocytochemistry/Immunofluorescence: NOP56 Antibody (CL2603) [NBP2-36778] - Staining in MCF7 cell line with Anti-NOP56 monoclonal antibody, showing nucleoli-specific staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



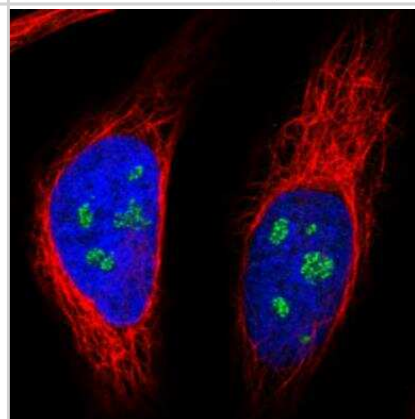
Immunohistochemistry: NOP56 Antibody (CL2603) [NBP2-36778] - Staining of human breast cancer shows strong nucleolar positivity in tumor cells.



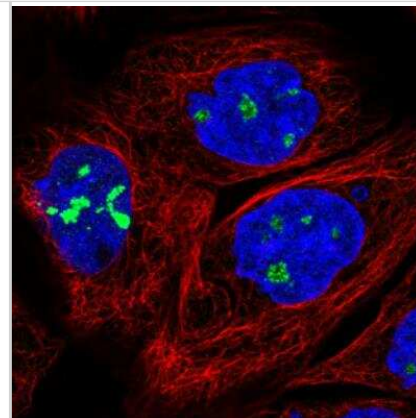
Western Blot: NOP56 Antibody (CL2603) [NBP2-36778] - Lane 1: Marker [kDa]. Lane 2: Human cell line U-251 MG



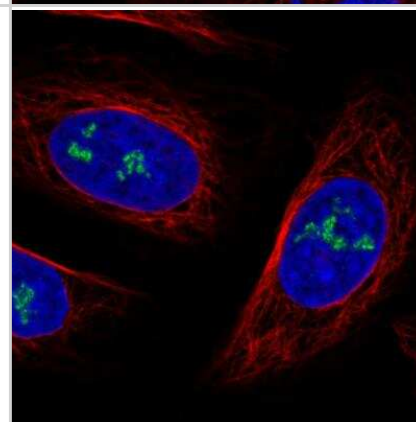
Immunocytochemistry/Immunofluorescence: NOP56 Antibody (CL2603) [NBP2-36778] - Staining in HeLa cell line showing nucleoli-specific staining in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



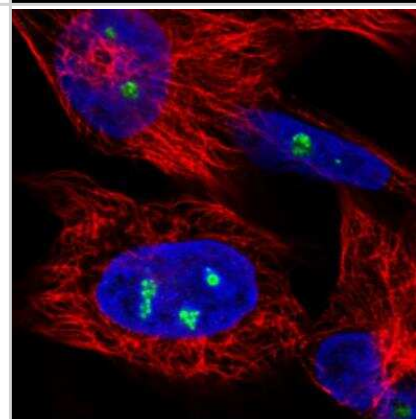
Immunocytochemistry/Immunofluorescence: NOP56 Antibody (CL2603) [NBP2-36778] - Staining of human cell line A431 showing nucleoli-specific staining in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



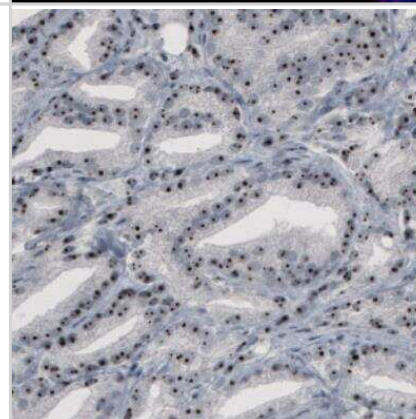
Immunocytochemistry/Immunofluorescence: NOP56 Antibody (CL2603) [NBP2-36778] - Staining in U2OS cell line with Anti-NOP56 monoclonal antibody, showing nucleoli-specific staining in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



Immunocytochemistry/Immunofluorescence: NOP56 Antibody (CL2603) [NBP2-36778] - Staining in U251 cell line showing nucleoli-specific staining in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.

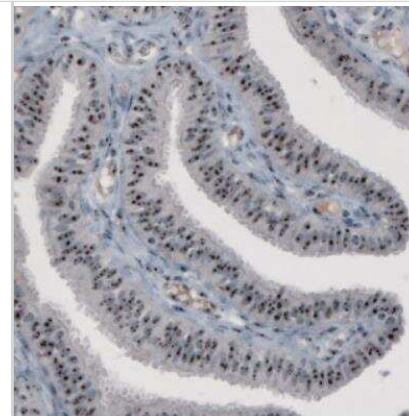


Immunohistochemistry: NOP56 Antibody (CL2603) [NBP2-36778] - Staining of human prostate cancer shows strong nucleolar positivity in glandular cells.

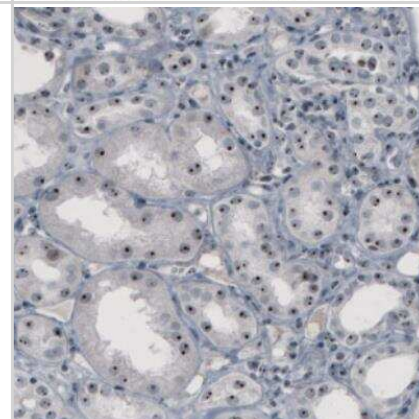




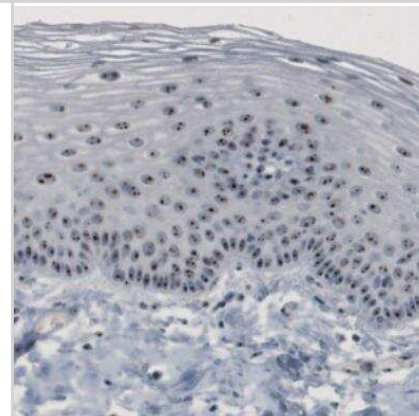
Immunohistochemistry: NOP56 Antibody (CL2603) [NBP2-36778] - Staining of human fallopian tube shows strong nucleolar immunoreactivity in glandular and connective tissue cell



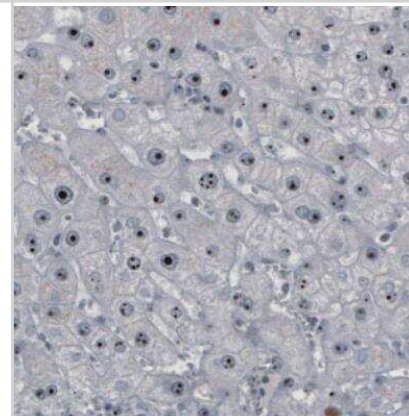
Immunohistochemistry: NOP56 Antibody (CL2603) [NBP2-36778] - Staining of human kidney shows strong nucleolar positivity in renal tubules.



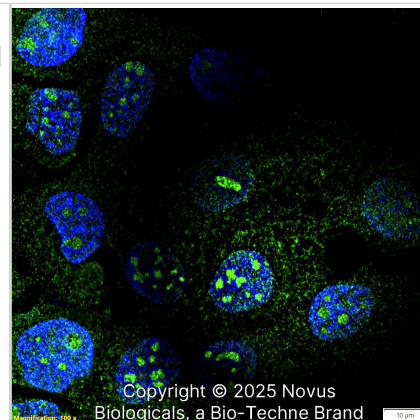
Immunohistochemistry: NOP56 Antibody (CL2603) [NBP2-36778] - Staining of human cervix shows strong nucleolar immunoreactivity in the epithelial cells.



Immunohistochemistry: NOP56 Antibody (CL2603) [NBP2-36778] - Staining of human liver shows strong nucleolar positivity in hepatocytes.



NOP56 (CL2603) was detected in immersion fixed A431 human skin carcinoma cell line using Mouse anti-NOP56 (CL2603) Protein A Purified Monoclonal Antibody conjugated to Alexa Fluor® 488 (Catalog # NBP2-36778) (green) at 2 µg/mL overnight at 4C. Cells were counterstained with DAPI (blue). Cells were imaged using a 100X objective and digitally deconvolved.





### **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 NBP2-36778**

---

NBP2-36778PEP	NOP56 Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

---

### **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/NBP2-36778](http://www.novusbio.com/reviews/submit/NBP2-36778)

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

