

# Product Datasheet

## Niemann-Pick type C2 Antibody - BSA Free NBP1-84012

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: 4**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-84012](http://www.novusbio.com/NBP1-84012)

Updated 2/5/2026 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/NBP1-84012](http://www.novusbio.com/reviews/destination/NBP1-84012)



**NBP1-84012**

Niemann-Pick type C2 Antibody - BSA Free

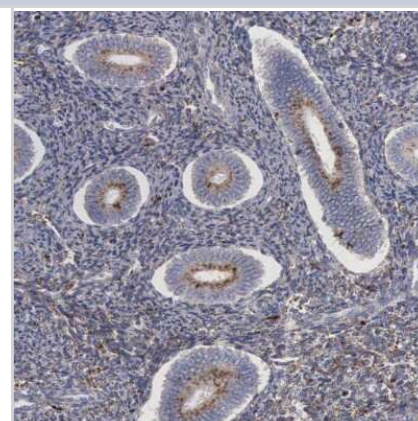
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<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>Description</b>	Novus Biologicals Rabbit Niemann-Pick type C2 Antibody - BSA Free (NBP1-84012) is a polyclonal antibody validated for use in IHC and WB. Anti-Niemann-Pick type C2 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	10577
<b>Gene Symbol</b>	NPC2
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: PVQFKDCGSVDGVIKEVNVSPCPTQPCQLSKGQSYSVNVTFSTNIQSKSSKAV VHGILMGVPVFPPIPEPDGCKSGINCPIQDKTYSYLNKLPVKSEYPSIKLVVEW QLQDDKNQSLFCWEIPVQIVSH

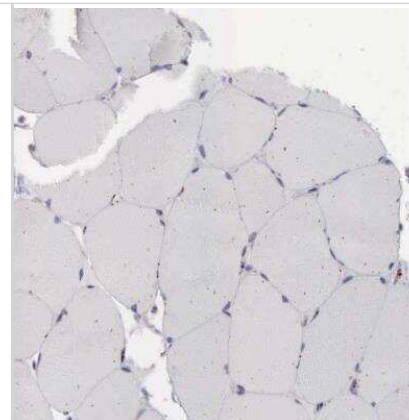
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

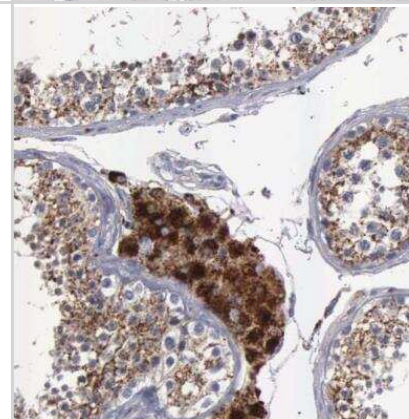
Immunohistochemistry-Paraffin: Niemann-Pick type C2 Antibody [NBP1-84012] - Staining of human endometrium shows low expression as expected.



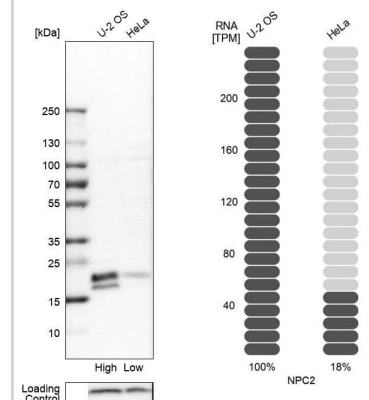
Immunohistochemistry-Paraffin: Niemann-Pick type C2 Antibody [NBP1-84012] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



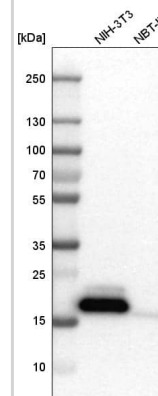
Immunohistochemistry-Paraffin: Niemann-Pick type C2 Antibody [NBP1-84012] - Staining of human testis shows moderate to strong granular cytoplasmic positivity in Leydig cells and cells in seminiferous ducts.



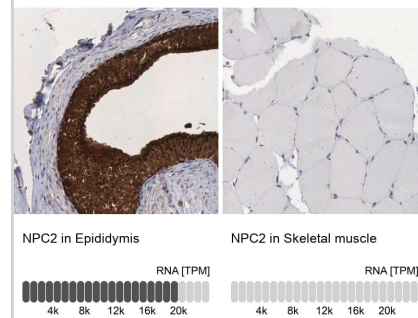
Analysis in human cell lines U2OS and HeLa using Anti-NPC2 antibody. Corresponding NPC2 RNA-seq data are presented for the same cell lines. Loading control: Anti-COX4I1.



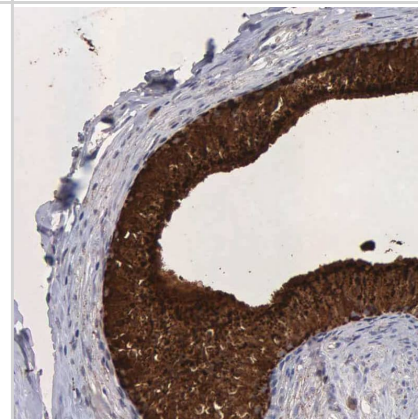
Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis in human epididymis and skeletal muscle tissues using NBP1-84012 antibody. Corresponding NPC2 RNA-seq data are presented for the same tissues.



Staining of human epididymis shows strong granular cytoplasmic positivity in glandular cells).



## Publications

Kim TY, Jeon S, Jang Y et al. Platycodin D, a natural component of *Platycodon grandiflorum*, prevents both lysosome- and TMPRSS2-driven SARS-CoV-2 infection by hindering membrane fusion *Experimental & molecular medicine* 2021-05-25 [PMID: 34035463] (WB, Human)

Roszell BR, Tao JQ, Yu KJ et al. Pulmonary Abnormalities in Animal Models Due to Niemann-Pick Type C1 (NPC1) or C2 (NPC2) Disease. *PLoS One* 2013-01-01 [PMID: 23843985]

Taguchi A, Politi K, Pitteri SJ et al. Lung cancer signatures in plasma based on proteome profiling of mouse tumor models. *Cancer Cell* 2011-09-01 [PMID: 21907921]

Pernemalm M, De Petris L, Eriksson H et al. Use of narrow-range peptide IEF to improve detection of lung adenocarcinoma markers in plasma and pleural effusion. *Proteomics* 2009-07-01 [PMID: 19609957]



### **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 NBP1-84012**

---

NBP1-84012PEP	Niemann-Pick type C2 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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/NBP1-84012](http://www.novusbio.com/reviews/submit/NBP1-84012)

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

