

# Product Datasheet

## Ribophorin I Antibody - BSA Free

### NBP2-55523

Unit Size: 100 ul

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/NBP2-55523](http://www.novusbio.com/NBP2-55523)

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/NBP2-55523](http://www.novusbio.com/reviews/destination/NBP2-55523)



**NBP2-55523**

Ribophorin I Antibody - BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 100 ul                                                                                                           |
| 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              | Affinity purified                                                                                                |
| Buffer              | PBS (pH 7.2) and 40% Glycerol                                                                                    |

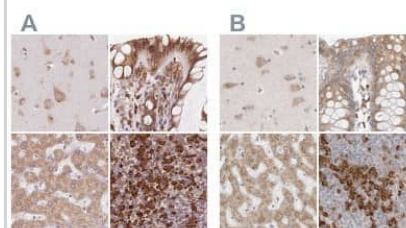
| Product Description |                                                                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Rabbit Ribophorin I Antibody - BSA Free (NBP2-55523) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Ribophorin I Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.   |
| Host                | Rabbit                                                                                                                                                                                                                                                             |
| Gene ID             | 6184                                                                                                                                                                                                                                                               |
| Gene Symbol         | RPN1                                                                                                                                                                                                                                                               |
| Species             | Human, Rat                                                                                                                                                                                                                                                         |
| Reactivity Notes    | Use in Rat reported in scientific literature (PMID:34923175) .                                                                                                                                                                                                     |
| Immunogen           | This antibody was developed against a recombinant protein corresponding to the following amino acid sequence:<br>DVKRTVDLSSHLAKVTAEVVLAHLGGGSTSRATSFLLALEPELEARLAHLGVQV<br>KGEDEEENNLEVRETKIKGKSGRFFTVKLPVALDPGAKISVIVETVYTHVLHPYP<br>TQITQSEKQFVVFEGNHYFYSPYPTKTQ |

| Product Application Details |                                                                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                           |
| Recommended Dilutions       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000 |
| Application Notes           | ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. IHC Retrieval method: HIER pH6.                                                                              |

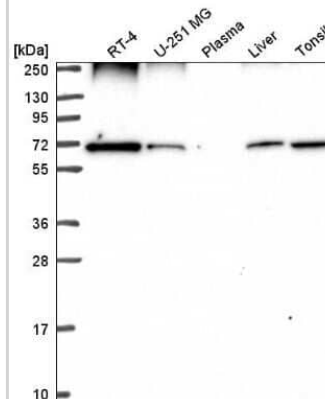


## Images

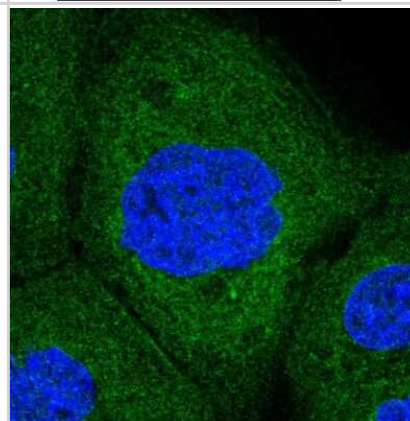
Immunohistochemistry-Paraffin: Ribophorin I Antibody [NBP2-55523] - Staining of human cerebral cortex, colon, liver and tonsil using Anti-RPN1 antibody NBP2-55523 (A) shows similar protein distribution across tissues to independent antibody NBP1-82467 (B).



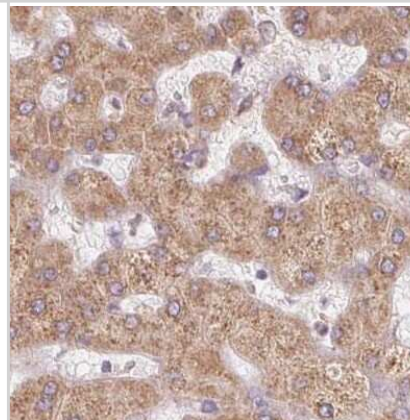
Western Blot: Ribophorin I Antibody [NBP2-55523] - Analysis in human cell line RT-4, human cell line U-251 MG, human plasma, human liver tissue and human tonsil tissue.



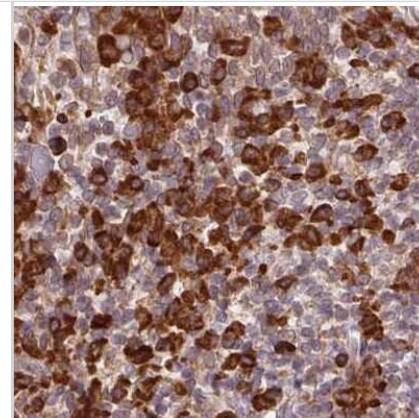
Immunocytochemistry/Immunofluorescence: Ribophorin I Antibody [NBP2-55523] - Staining of human cell line A-431 shows localization to endoplasmic reticulum. Antibody staining is shown in green.



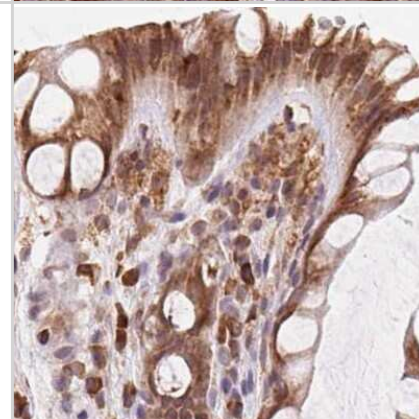
Immunohistochemistry-Paraffin: Ribophorin I Antibody [NBP2-55523] - Staining of human liver.



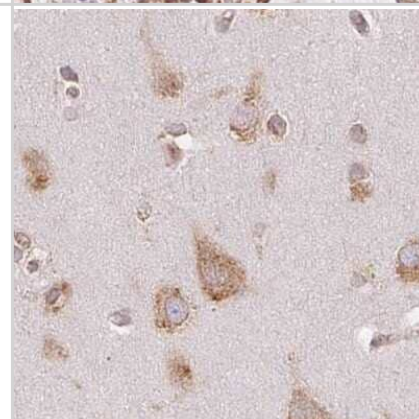
Immunohistochemistry-Paraffin: Ribophorin I Antibody [NBP2-55523] - Staining of human tonsil.



Immunohistochemistry-Paraffin: Ribophorin I Antibody [NBP2-55523] - Staining of human colon.



Immunohistochemistry-Paraffin: Ribophorin I Antibody [NBP2-55523] - Staining of human cerebral cortex.



## Publications

Luo F, Smagris E, Martin S et al. Hepatic TM6SF2 is Required for Lipidation of VLDL in a Pre-Golgi Compartment in Mice and Rats Cellular and molecular gastroenterology and hepatology 2021-12-16 [PMID: 34923175] (WB, Rat)



### **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  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-55523**

---

|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-55523PEP | Ribophorin I 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/NBP2-55523](http://www.novusbio.com/reviews/submit/NBP2-55523)

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

