

# Product Datasheet

## Rhophilin 2 Antibody - Azide and BSA Free H00085415-B01P

Unit Size: 50 ug

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/H00085415-B01P](http://www.novusbio.com/H00085415-B01P)

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/H00085415-B01P](http://www.novusbio.com/reviews/destination/H00085415-B01P)



**H00085415-B01P**

Rhophilin 2 Antibody - Azide and BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 50 ug                                                                                                            |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| Clonality           | Polyclonal                                                                                                       |
| Preservative        | No Preservative                                                                                                  |
| Isotype             | IgG                                                                                                              |
| Purity              | Protein G purified                                                                                               |
| Buffer              | PBS (pH 7.4)                                                                                                     |

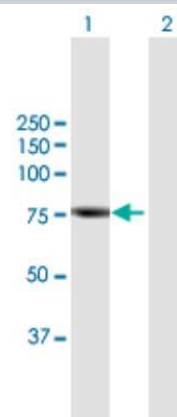
| Product Description |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Mouse Rhophilin 2 Antibody - Azide and BSA Free (H00085415-B01P) is a polyclonal antibody validated for use in IHC and WB. Anti-Rhophilin 2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Host                | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene ID             | 85415                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Symbol         | RHPN2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Species             | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reactivity Notes    | Mouse reactivity reported in scientific literature (PMID:33204106)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen           | RHPN2 (NP_149094.2, 1 a.a. - 686 a.a.) full-length human protein.<br>MTDALLPAAPQPLEKKNDGYFRKGCNPLAQTGRSKLQNQRAALNQQILKAVR<br>MRTGAENLLKVATNSKVREQVRLELSFVNSDLQMLKEELEGLNISVGVYQNT<br>EAFIPLIPLGLKETKDVDFAVVLKDFILEHYSEDGYLYEDEIADLMDLRQACRTP<br>SRDEAGVELLMYFIQLGFVESRFFPPTRQMGLLFTWYDSLTVGPVVSQQNLLL<br>EKASVLFNTGALYTQIGTRCDRQTQAGLESAIDAFQRAAGVLNLYLKDTFTHTPS<br>YDMSPAMLSVLVKMMLAQAESVFEEKISLPGIRNEFFMLVKVAQEAQKVG<br>EYVYQQLHAAMSQAPVKENIPYSWASLACVKAHHYAALAHYFTAILLIDHQVKPGTDL<br>DHQEKCLSQLYDHMPGLTPLATLKNQQRRQLGKSHLRRAMAHHEESVREA<br>SLCKKLRSIEVLQKVLCAAQERSRLTYAQHQEEDLLNLIDAPSVAKTEQEVDI<br>ILPQFSKLTVTDFQKLGPLSVFSANKRWTPPRSIRFTAEEGDLGFTLRGNAPV<br>QVHFLDPYCSASVAGAREGDYIVSIQLVDCKWLTSEVMKLLKSFGEDEIEMKV<br>VSLLDSTSSMHNKSATYSVGMQKTYSMICLAIDDDDKTDKTKKISKLSFLSWG<br>TNKNRQKSASTLCLPSVGAARPQVKKKLPSFLLNSDSSWY |
| Notes               | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| Product Application Details |                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin                                                             |
| Recommended Dilutions       | Western Blot, Immunohistochemistry-Paraffin                                                             |
| Application Notes           | Use in IHC-P reported in scientific literature (PMID:33204106) This antibody is useful in Western Blot. |



## Images

Western Blot: Rhophilin 2 Antibody [H00085415-B01P] - Analysis of RHPN2 expression in transfected 293T cell line by RHPN2 polyclonal antibody. Lane 1: RHPN2 transfected lysate(75.46 KDa). Lane 2: Non-transfected lysate.



## Publications

Jiang S, Mo C, Guo S et al. Human bone marrow mesenchymal stem cells-derived microRNA-205-containing exosomes impede the progression of prostate cancer through suppression of RHPN2 Journal of Experimental & Clinical Cancer Research 2019-12-17 [PMID: 31847864]

Yu F, Qiao P, Yin G et al. RHPN2 Promotes Malignant Cell Behaviours in Ovarian Cancer by Activating STAT3 Signalling J Neurosci Methods 2020-11-12 [PMID: 33204106] (IHC-P, 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  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

**Products Related to H00085415-B01P**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97019-5mg     | Mouse IgG Isotype Control                               |
| H00085415-P02-10ug | Recombinant Human Rhophilin 2 GST (N-Term) Protein      |

**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/H00085415-B01P](http://www.novusbio.com/reviews/submit/H00085415-B01P)

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

