

# Product Datasheet

## PTP1B/PTPN1 Antibody - Azide and BSA Free NBP3-03634-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-03634-100ul**

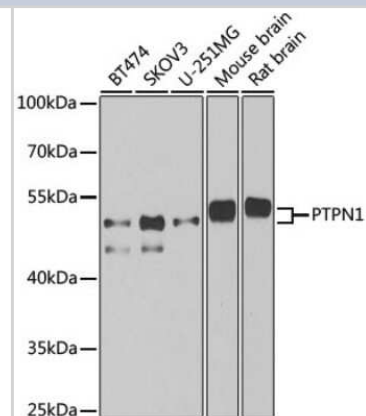
PTP1B/PTPN1 Antibody - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ul                                                                                                                                                                                                                                                                                                  |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                             |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                                                                              |
| Preservative                | 0.05% Proclin 300                                                                                                                                                                                                                                                                                       |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                     |
| Purity                      | Affinity purified                                                                                                                                                                                                                                                                                       |
| Buffer                      | PBS (pH 7.3), 50% glycerol                                                                                                                                                                                                                                                                              |
| Target Molecular Weight     | 49 kDa                                                                                                                                                                                                                                                                                                  |
| Product Description         |                                                                                                                                                                                                                                                                                                         |
| Description                 | Novus Biologicals Rabbit PTP1B/PTPN1 Antibody - Azide and BSA Free (NBP3-03634) is a polyclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                        |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                  |
| Gene ID                     | 5770                                                                                                                                                                                                                                                                                                    |
| Gene Symbol                 | PTPN1                                                                                                                                                                                                                                                                                                   |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                       |
| Immunogen                   | Recombinant fusion protein containing a sequence corresponding to amino acids 281-435 of human PTP1B/PTPN1 (NP_002818.1).<br>IMGDSSVQDQWKELSHEDLEPPPEHI PPPPRPPKRILEPHNGKCREFFPNHQW<br>VKEETQEDKDCPIKEEKGSP LNAA PYGIESMSQDTEVRSRVVGGSLRGAQAAS<br>PAKGEP SLPEKDEDH ALSYWK PFLVNM CVATVLTAGAYLCYRFLFNSNT |
| Product Application Details |                                                                                                                                                                                                                                                                                                         |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence                                                                                                                                                                                                                                                   |
| Recommended Dilutions       | Western Blot 1:500 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200                                                                                                                                                                                                                       |

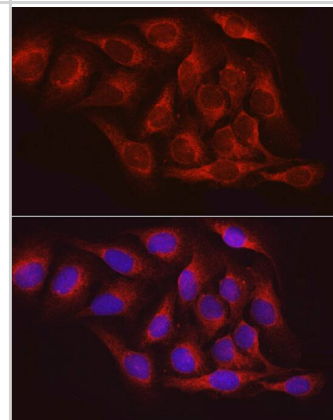


## Images

Western Blot: PTP1B/PTPN1 Antibody [NBP3-03634] - Analysis of extracts of various cell lines, using PTP1B/PTPN1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: Blocking buffer: 3% nonfat dry milk in TBST.



Immunocytochemistry/ Immunofluorescence: PTP1B/PTPN1 Antibody - Azide and BSA Free [NBP3-03634] - Immunofluorescence analysis of U2OS cells using PTP1B/PTPN1 Rabbit pAb (A1590) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.





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### **Products Related to NBP3-03634-100ul**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP1-87191PEP | PTP1B/PTPN1 Recombinant Protein Antigen             |

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### **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)

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