

# Product Datasheet

## PBX1 Antibody - BSA Free NBP2-19713

Unit Size: 0.1 ml

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

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**NBP2-19713**

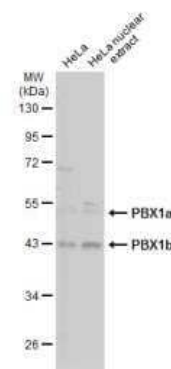
PBX1 Antibody - BSA Free

| 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                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                                                                                                        |
| Clonality                   | Polyclonal                                                                                                                                                                                          |
| Preservative                | 0.01% Thimerosal                                                                                                                                                                                    |
| Isotype                     | IgG                                                                                                                                                                                                 |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                           |
| Buffer                      | 0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol                                                                                                                                                        |
| Target Molecular Weight     | 47 kDa                                                                                                                                                                                              |
| Product Description         |                                                                                                                                                                                                     |
| Description                 | Novus Biologicals Rabbit PBX1 Antibody - BSA Free (NBP2-19713) is a polyclonal antibody validated for use in WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Rabbit                                                                                                                                                                                              |
| Gene ID                     | 5087                                                                                                                                                                                                |
| Gene Symbol                 | PBX1                                                                                                                                                                                                |
| Species                     | Human                                                                                                                                                                                               |
| Reactivity Notes            | Xenopus laevis (98%).                                                                                                                                                                               |
| Immunogen                   | Recombinant protein encompassing a sequence within the center region of human PBX1. The exact sequence is proprietary.                                                                              |
| Product Application Details |                                                                                                                                                                                                     |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation                                                                                                                          |
| Recommended Dilutions       | Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:100-1:500                                                                                                 |

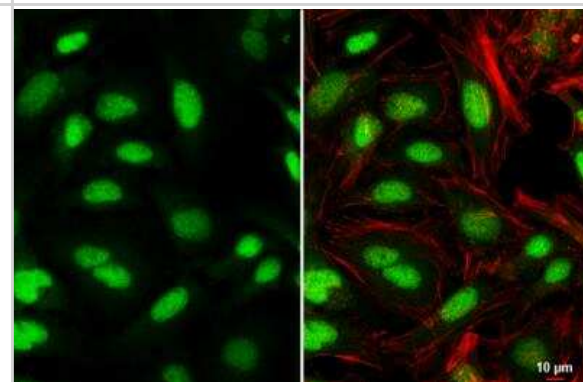


## Images

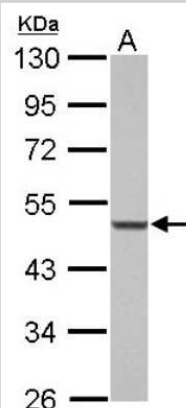
Western Blot: PBX1 Antibody [NBP2-19713] - HeLa whole cell and nuclear extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PBX1 antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



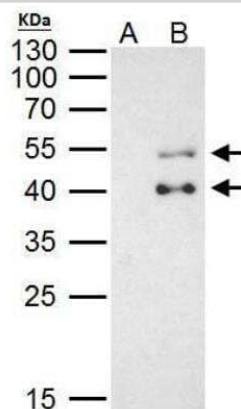
Immunocytochemistry/Immunofluorescence: PBX1 Antibody [NBP2-19713] - PBX1 antibody detects PBX1 protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: PBX1 stained by PBX1 antibody diluted at 1:500. Red: phalloidin, a cytoskeleton marker, diluted at 1:100. Scale bar= 10  $\mu$ m.



Western Blot: PBX1 Antibody [NBP2-19713] - Sample (30 ug of whole cell lysate) A: A431 10% SDS PAGE gel, diluted at 1:1000.



Immunoprecipitation: PBX1 Antibody [NBP2-19713] - 293T whole cell lysate/extract A. Control with 2 ug of preimmune rabbit IgG B. Immunoprecipitation of PBX1 protein by 2 ug of PBX1 antibody 12 % SDS-PAGE The immunoprecipitated PBX1 protein was detected by PBX1 antibody diluted at 1:1000. EasyBlot anti-rabbit IgG was used as a secondary reagent.





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### **Products Related to NBP2-19713**

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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                          |
| H00005087-Q01-10ug | Recombinant Human PBX1 GST (N-Term) Protein         |

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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.

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