

# Product Datasheet

## HOP Antibody - BSA Free NBP2-82093

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-82093**

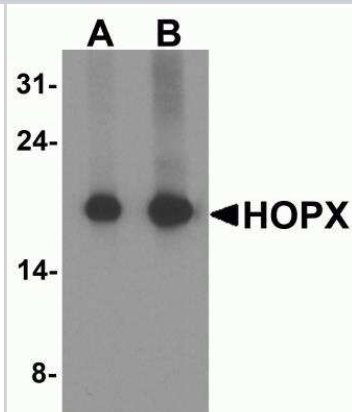
HOP Antibody - BSA Free

| Product Information         |  |
|-----------------------------|--|
| Unit Size                   | 0.1 mg   |
| Concentration               | 1 mg/ml  |
| 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                      | Peptide affinity purified  |
| Buffer                      | PBS  |
| Target Molecular Weight     | 18 kDa   |
| Product Description         |  |
| Host                        | Rabbit   |
| Gene ID                     | 84525  |
| Gene Symbol                 | HOPX   |
| Species                     | Human  |
| Reactivity Notes            | Immunogen displays the following percentage of sequence identity for non-tested species: Rat: (88%), Mouse: (88%), Bovine: (88%), Porcine: (81%), Chicken: (81%)                                     |
| Specificity/Sensitivity     | HOP antibody is human specific. At least three isoforms of HOP are known to exist; this antibody will detect all three isoforms.   |
| Immunogen                   | HOP antibody was raised against a 16 amino acid peptide near the amino terminus of human HOP. The immunogen is located within the first 50 amino acids of HOP. Amino Acid Sequence: LEYNFNKVDKHPDSTT |
| Product Application Details |  |
| Applications                | Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| Recommended Dilutions       | Western Blot 1-2 ug/ml, ELISA, Immunohistochemistry 5 ug/ml, Immunocytochemistry/Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin  |

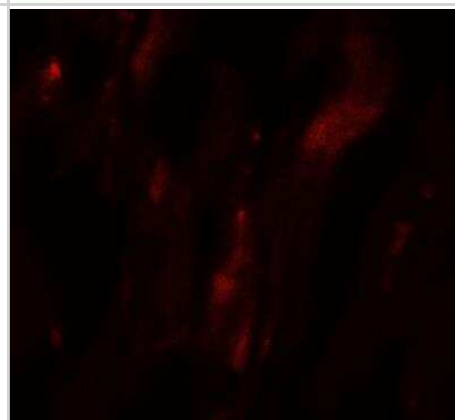


## Images

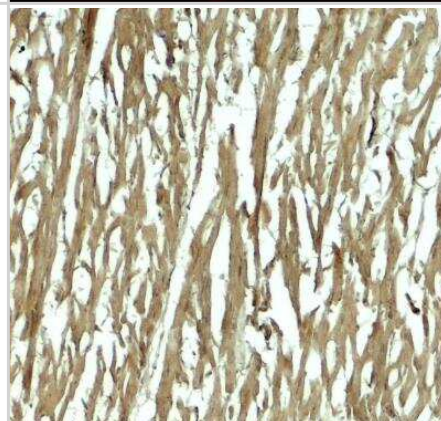
Western Blot: HOP Antibody [NBP2-82093] - Western blot analysis of HOP in human brain tissue lysate with HOP antibody at (A) 1 and (B) 2 ug/ml.



Immunocytochemistry/Immunofluorescence: HOP Antibody [NBP2-82093] - Immunofluorescence of HOP in human heart tissue with HOP antibody at 20 ug/mL.



Immunohistochemistry: HOP Antibody [NBP2-82093] - Immunohistochemistry of HOP in human heart tissue with HOP antibody at 5 ug/mL.





### **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 NBP2-82093**

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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                          |
| NBP1-98893-100ug | Recombinant Human HOP His 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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