

# Product Datasheet

## WHSC1 Antibody (CL1057) - BSA Free NBP2-52962

Unit Size: 0.1 ml

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

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**NBP2-52962**

WHSC1 Antibody (CL1057) - BSA Free

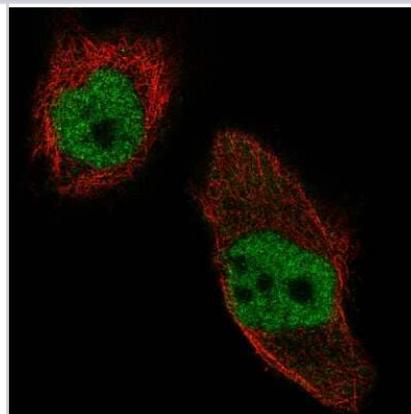
| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 ml   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality           | Monoclonal   |
| Clone               | CL1057   |
| Preservative        | 0.02% Sodium Azide   |
| Isotype             | IgG1   |
| Purity              | Protein A purified   |
| Buffer              | PBS (pH 7.2) and 40% Glycerol  |

| Product Description |   |
|---------------------|---|
| Host                | Mouse   |
| Gene ID             | 7468  |
| Gene Symbol         | NSD2  |
| Species             | Human   |
| Reactivity Notes    | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Immunogen           | This antibody was developed using a recombinant protein derived from O96028, with the exact immunogen sequence remaining proprietary.   |

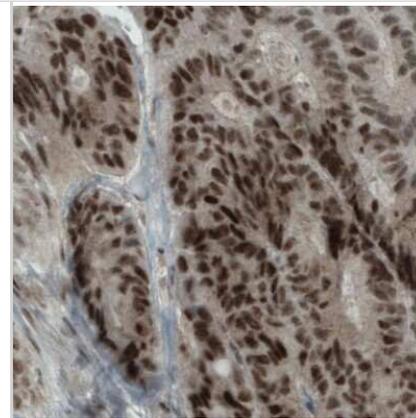
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.    |

**Images**

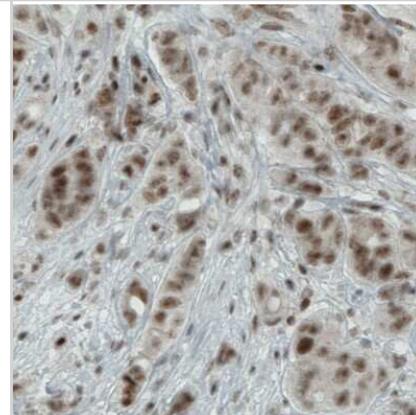
Immunocytochemistry/Immunofluorescence: WHSC1 Antibody (CL1057) [NBP2-52962] - Staining of U-251 cells using the Anti-WHSC1 monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



Immunohistochemistry-Paraffin: WHSC1 Antibody (CL1057) [NBP2-52962] - Staining of human colorectal cancer shows strong nuclear immunoreactivity in tumor cells.



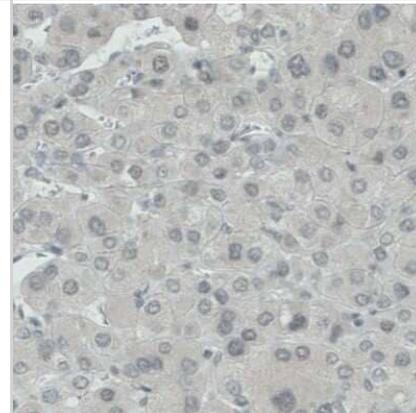
Immunohistochemistry-Paraffin: WHSC1 Antibody (CL1057) [NBP2-52962] - Staining of human breast cancer shows moderate nuclear immunoreactivity in tumor cells.



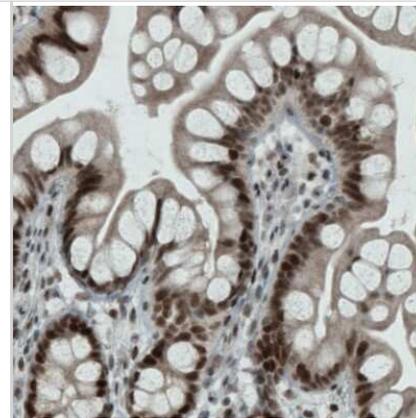
Immunohistochemistry-Paraffin: WHSC1 Antibody (CL1057) [NBP2-52962] - Staining of human fallopian tube shows nuclear immunoreactivity in glandular cells.



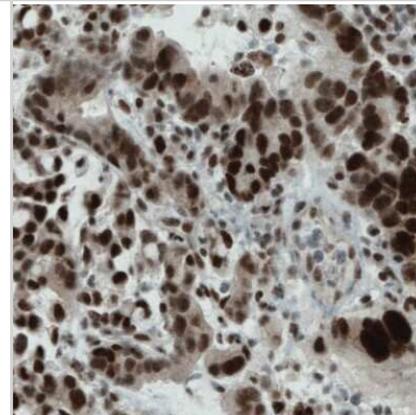
Immunohistochemistry-Paraffin: WHSC1 Antibody (CL1057) [NBP2-52962] - Staining of human liver shows absence of immunoreactivity (negative control).



Immunohistochemistry-Paraffin: WHSC1 Antibody (CL1057) [NBP2-52962] - Staining of human small intestine shows nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: WHSC1 Antibody (CL1057) [NBP2-52962] - Staining of human ventricular cancer shows strong nuclear positivity in tumor cells.





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

### **Products Related to NBP2-52962**

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|                  |   |
|------------------|---|
| NBP2-52962PEP    | WHSC1 Recombinant Protein Antigen                       |
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                        |

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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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