

# Product Datasheet

## NSBP1 Antibody - BSA Free NBP1-87379

Unit Size: 0.1 ml

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

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



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

### Publications: 2

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**NBP1-87379**

NSBP1 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	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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

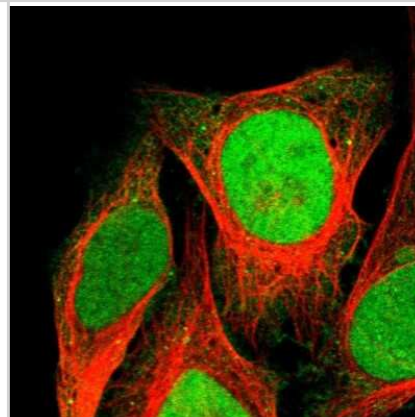
Product Description	
Description	Novus Biologicals Rabbit NSBP1 Antibody - BSA Free (NBP1-87379) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-NSBP1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	79366
Gene Symbol	HMGN5
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 23673662).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LSAMLVPVTPEVKPKRTSSSRKMKTKSDMMEENIDTSAQAVAETKQEAVVEED YNENAKNGEAKITEAPASEKEIVEVKEENIEDATEKGGGEKKEAVAAEVK

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	ChIP, WB reported in scientific literature (PMID: 23673662). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

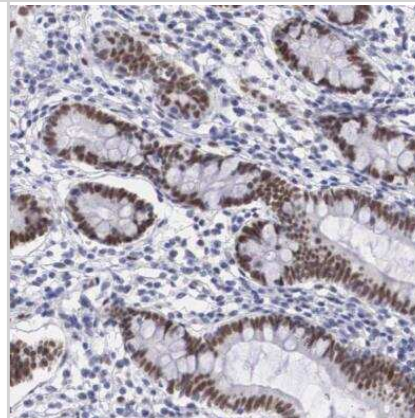


## Images

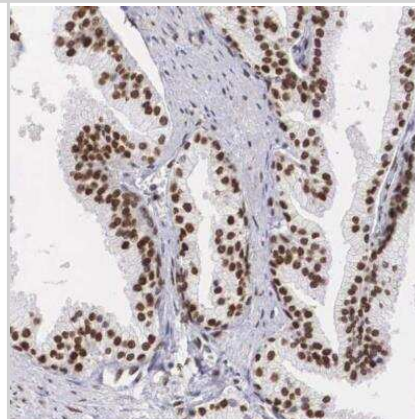
Immunocytochemistry/Immunofluorescence: NSBP1 Antibody [NBP1-87379] - Staining of human cell line U-2 OS shows localization to nucleus. Antibody staining is shown in green.



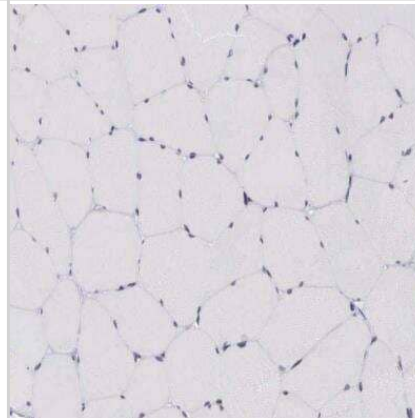
Immunohistochemistry-Paraffin: NSBP1 Antibody [NBP1-87379] - Staining of human gastrointestinal shows strong nuclear positivity in glandular cells.



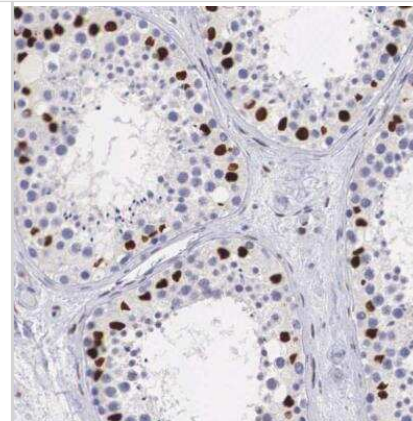
Immunohistochemistry-Paraffin: NSBP1 Antibody [NBP1-87379] - Staining of human prostate shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: NSBP1 Antibody [NBP1-87379] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: NSBP1 Antibody [NBP1-87379] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



## Publications

Zhang S, Schones DE, Malicet C et al. High Mobility Group Protein N5 (HMGN5) and Lamina-associated Polypeptide 2alpha (LAP2alpha) Interact and Reciprocally Affect Their Genome-wide Chromatin Organization. *J Biol Chem* 2013-06-21 [PMID: 23673662] (WB, Chemotaxis, Human)

Malicet C, Rochman M, Postnikov Y et al. Distinct properties of human HMGN5 reveal a rapidly evolving but functionally conserved nucleosome binding protein. *Mol Cell Biol* 2011-07-01 [PMID: 21518955]



### **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 NBP1-87379**

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NBP1-87379PEP	NSBP1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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