

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.

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NBP1-87379

NSBP1 Antibody - BSA Free

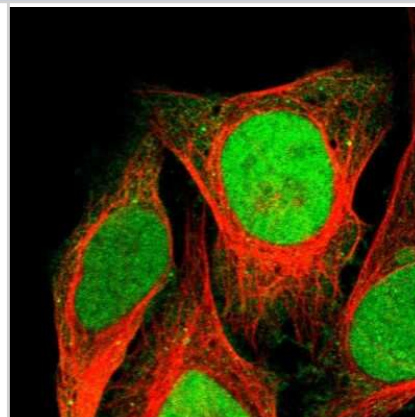
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
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

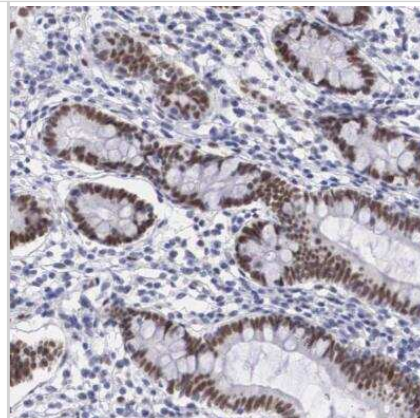
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 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

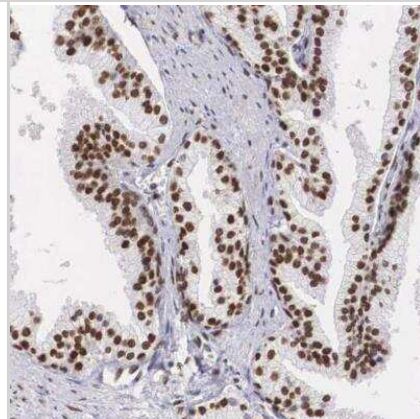
Immunocytochemistry/Immunofluorescence: NSBP1 Antibody [NBP1-87379] - Staining of human cell line U-2 OS shows localization to nucleus. Antibody staining is shown in green.



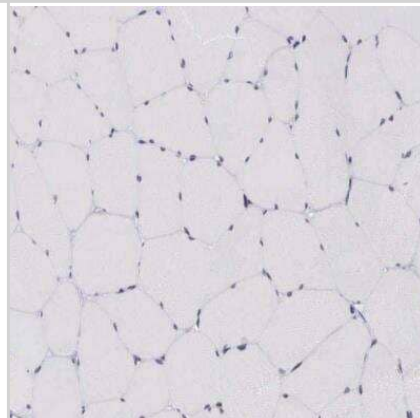
Immunohistochemistry-Paraffin: NSBP1 Antibody [NBP1-87379] - Staining of human gastrointestinal shows strong nuclear positivity in glandular cells.



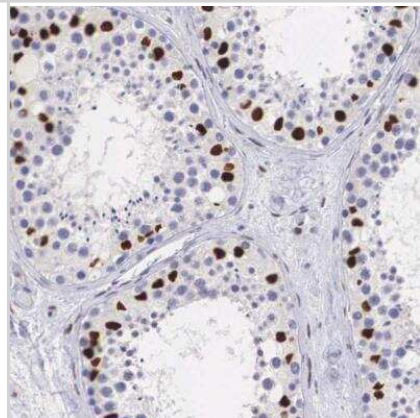
Immunohistochemistry-Paraffin: NSBP1 Antibody [NBP1-87379] - Staining of human prostate shows strong nuclear positivity in glandular cells.



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]





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Products Related to NBP1-87379

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

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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