

# Product Datasheet

## Lamin B1 Antibody - BSA Free NBP2-48966

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)



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### Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-48966](http://www.novusbio.com/NBP2-48966)

Updated 12/2/2025 v.20.1

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**NBP2-48966**

Lamin B1 Antibody - BSA Free

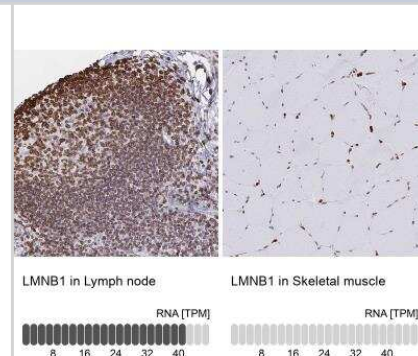
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Lamin B1 Antibody - BSA Free (NBP2-48966) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Lamin B1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4001
Gene Symbol	LMNB1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: RTRRGKRKRVDVEESEASSSVSISHSASATGNVCIEEIDVDGKFIRLKNTSEQD QPMGGWEMIRKIGDTSVSYKYTSRYVLK

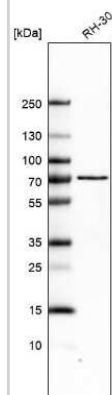
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

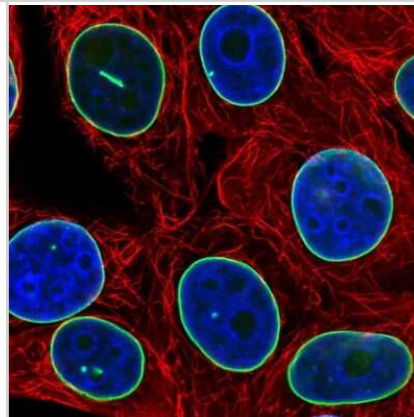
Immunohistochemistry-Paraffin: Lamin B1 Antibody [NBP2-48966] - Analysis in human lymph node and skeletal muscle tissue. Corresponding RNA-seq data are presented for the same tissues.



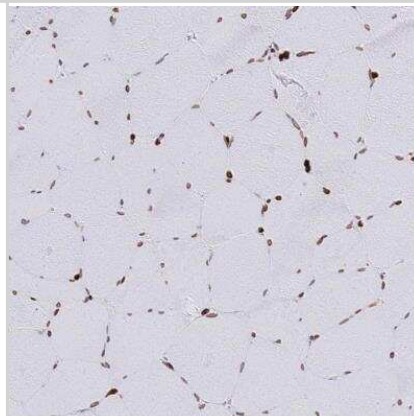
Western Blot: Lamin B1 Antibody [NBP2-48966] - Analysis in human cell line RH-30.



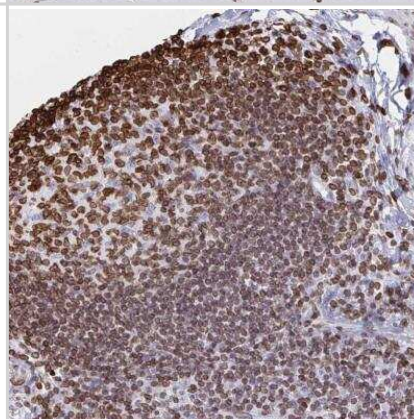
Immunocytochemistry/Immunofluorescence: Lamin B1 Antibody [NBP2-48966] - Staining of human cell line MCF7 shows localization to nuclear membrane. Antibody staining is shown in green.



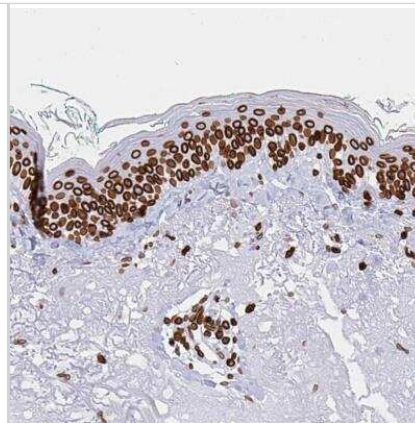
Immunohistochemistry-Paraffin: Lamin B1 Antibody [NBP2-48966] - Staining of human skeletal muscle shows moderate to strong positivity in nuclear membrane in myocytes.



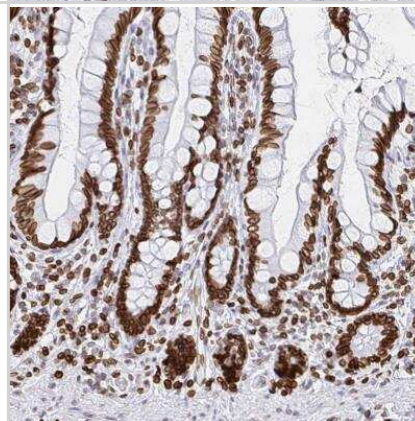
Immunohistochemistry-Paraffin: Lamin B1 Antibody [NBP2-48966] - Staining of human lymph node shows moderate to strong positivity in nuclear membrane in non-germinal center cells.



Immunohistochemistry-Paraffin: Lamin B1 Antibody [NBP2-48966] - Staining of human skin shows moderate to strong positivity in nuclear membrane in keratinocytes.



Immunohistochemistry-Paraffin: Lamin B1 Antibody [NBP2-48966] - Staining of human small intestine shows moderate to strong positivity in nuclear membrane in glandular cells.



## Publications

Tan CYR, Tan CL, Chin T Et al. Nicotinamide Prevents UVB- and Oxidative Stress-Induced Photoaging in Human Primary Keratinocytes The Journal of investigative dermatology 2021-11-02 [PMID: 34740582] (ICC/IF, IF/IHC, Human)

Bierman JC, Laughlin T, Tamura M et al. Niacinamide mitigates SASP-related inflammation induced by environmental stressors in human epidermal keratinocytes and skin Int J Cosmet Sci 2020-07-13 [PMID: 32657437]



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### **Products Related to NBP2-48966**

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NBP2-48966PEP	Lamin B1 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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