

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.

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Publications: 2

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NBP2-48966

Lamin B1 Antibody - BSA Free

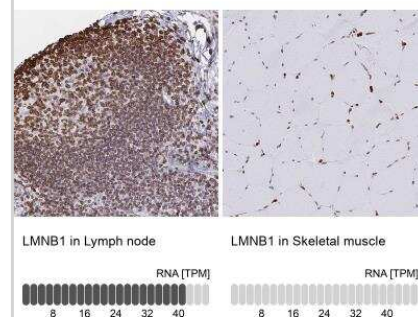
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	4001
Gene Symbol	LMNB1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: RTTRGKRKRVDVEESEASSSVSISHSASATGNVCIEEIDVDGKFIRLKNITSEQD QPMGGWEMIRKIGDTSVSYKYTSRYVLK

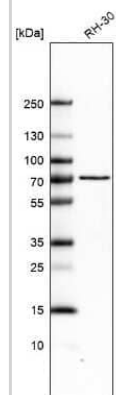
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 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

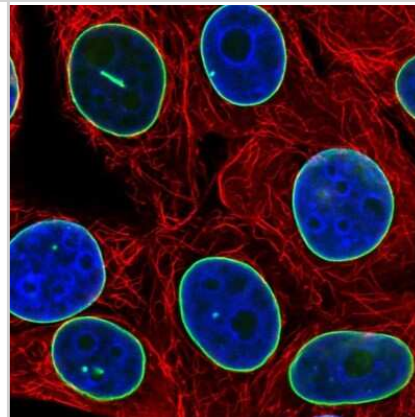
Immunohistochemistry-Paraffin: Lamin B1 Antibody [NBP2-48966] - Analysis in human lymph node and skeletal muscle tissue. Corresponding RNA-seq data are presented for the same tissues.



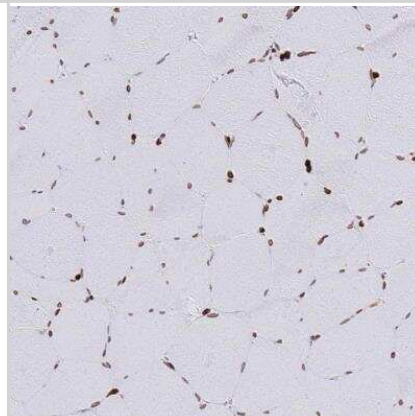
Western Blot: Lamin B1 Antibody [NBP2-48966] - Analysis in human cell line RH-30.



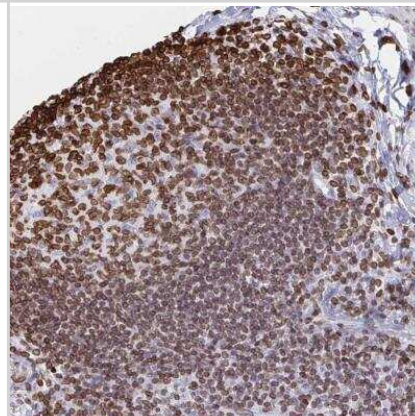
Immunocytochemistry/Immunofluorescence: Lamin B1 Antibody [NBP2-48966] - Staining of human cell line MCF7 shows localization to nuclear membrane. Antibody staining is shown in green.



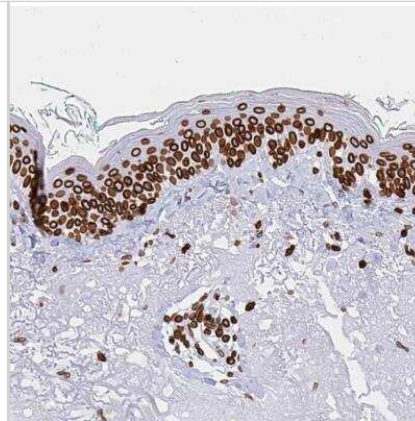
Immunohistochemistry-Paraffin: Lamin B1 Antibody [NBP2-48966] - Staining of human skeletal muscle shows moderate to strong positivity in nuclear membrane in myocytes.



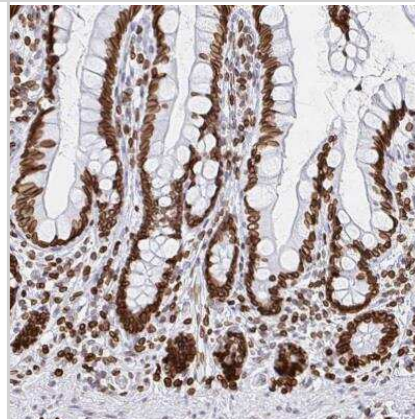
Immunohistochemistry-Paraffin: Lamin B1 Antibody [NBP2-48966] - Staining of human lymph node shows moderate to strong positivity in nuclear membrane in non-germinal center cells.



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]



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 NBP2-48966

NBP2-48966PEP	Lamin B1 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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