

Product Datasheet

Lamin A + C Antibody (4L8Q0)

NBP3-15754-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-15754-100ul

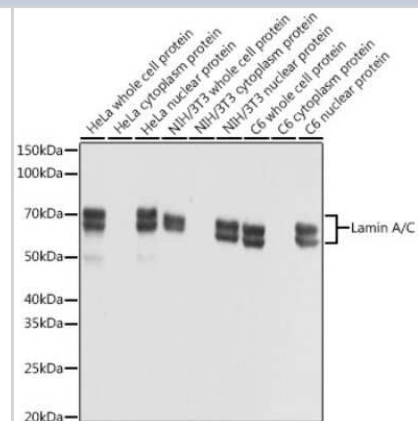
Lamin A + C Antibody (4L8Q0)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4L8Q0
Preservative	0.05% Proclin 300
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 0.05% BSA, 50% glycerol, pH7.3
Target Molecular Weight	74 kDa
Product Description	
Host	Rabbit
Gene ID	4000
Gene Symbol	LMNA
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 403-572 of human Lamin A + C (NP_733821.1). SSHSSQTQGGGSVTKRKLESTESRSSFSQHARTSGRVAVEEVDEEGKFVRL RNKSNEDQSMGNWQIKRQNGDDPLLTYRFPPKFTLKAGQVVTIWAAGAGATH SPPTDLVWKAQNTWGCNLSLRTALINSTGEEVAMRKLVRSVTVVEDEDEDG DLLHHHHGSHCSS
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1:50000 - 1:300000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:1000 - 1:4000, Immunocytochemistry/ Immunofluorescence 1:100 - 1:800, Immunoprecipitation 0.5ug-4ug antibody for 200ug-400ug extracts of whole cells, Immunohistochemistry-Paraffin 1:1000 - 1:4000, Knockout Validated

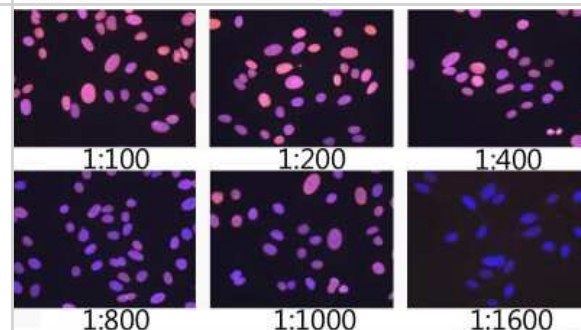


Images

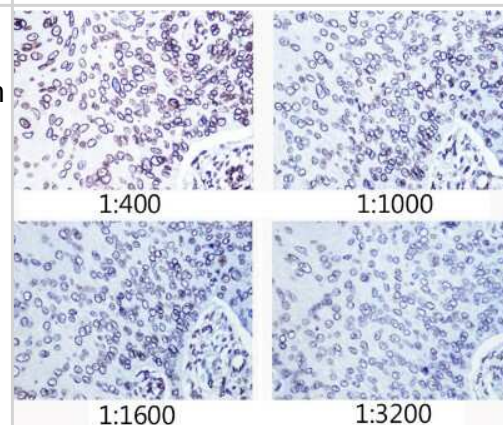
Western Blot: Lamin A + C Antibody (4L8Q0) [NBP3-15754] - Western blot analysis of extracts of various cell lines, using Lamin A + C antibody (NBP3-15754) at 1:10000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



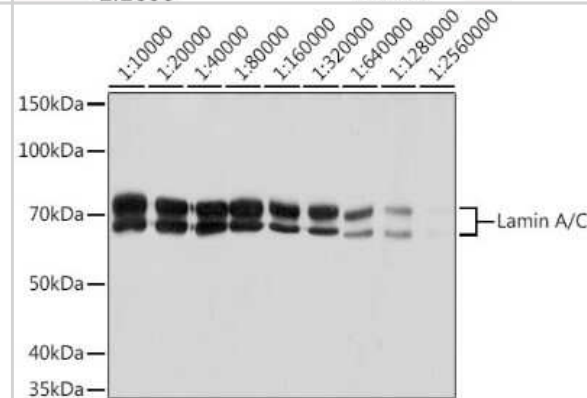
Immunocytochemistry/Immunofluorescence: Lamin A + C Antibody (4L8Q0) [NBP3-15754] - Immunofluorescence analysis of U2OS cells using Lamin A + C antibody (NBP3-15754) at dilution of 1:100 - 1:1600. Blue: DAPI for nuclear staining.



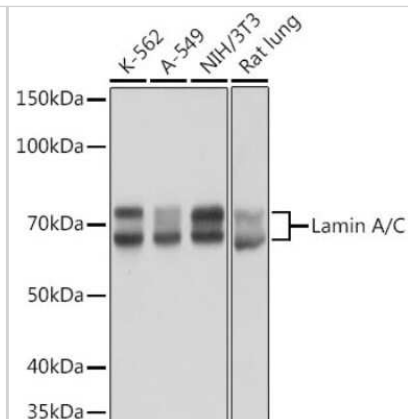
Immunohistochemistry-Paraffin: Lamin A + C Antibody (4L8Q0) [NBP3-15754] - Immunohistochemistry of paraffin-embedded human esophageal cancer using Lamin A + C antibody (NBP3-15754) at dilution of 1:400 - 1:3200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



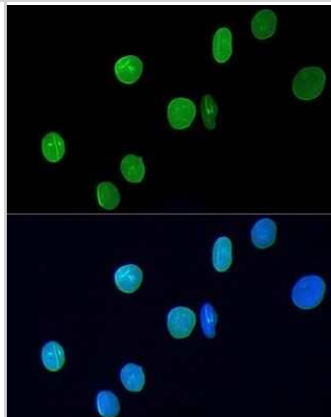
Western Blot: Lamin A + C Antibody (4L8Q0) [NBP3-15754] - Western blot analysis of extracts of HeLa cells, using Lamin A + C antibody (NBP3-15754) at 1:10000-1:2560000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



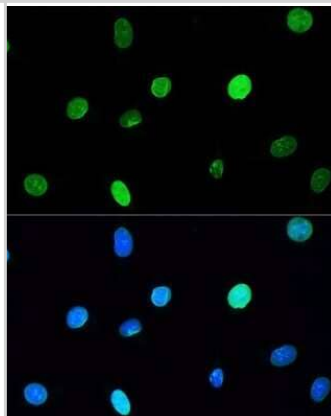
Western Blot: Lamin A + C Antibody (4L8Q0) [NBP3-15754] - Western blot analysis of extracts of various cell lines, using Lamin A + C antibody (NBP3-15754) at 1:50000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



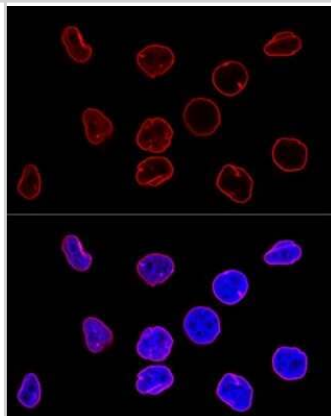
Immunocytochemistry/Immunofluorescence: Lamin A + C Antibody (4L8Q0) [NBP3-15754] - Immunofluorescence analysis of H9C2 cells using Lamin A + C antibody (NBP3-15754) at dilution of 1:200. Blue: DAPI for nuclear staining.



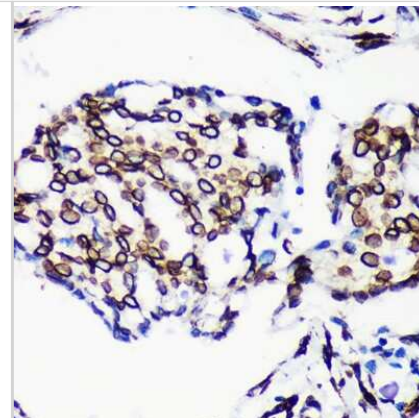
Immunocytochemistry/Immunofluorescence: Lamin A + C Antibody (4L8Q0) [NBP3-15754] - Immunofluorescence analysis of L929 cells using Lamin A + C antibody (NBP3-15754) at dilution of 1:200. Blue: DAPI for nuclear staining.



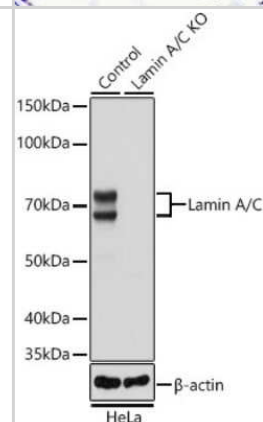
Immunocytochemistry/Immunofluorescence: Lamin A + C Antibody (4L8Q0) [NBP3-15754] - Confocal immunofluorescence analysis of HeLa cells using Lamin A + C antibody (NBP3-15754) at dilution of 1:100. Blue: DAPI for nuclear staining.



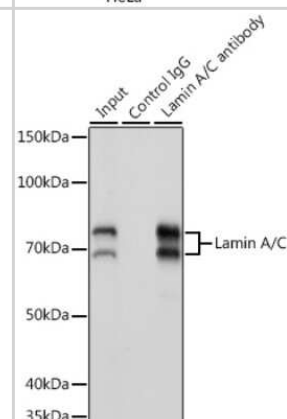
Immunohistochemistry-Paraffin: Lamin A + C Antibody (4L8Q0) [NBP3-15754] - Immunohistochemistry of paraffin-embedded Human breast cancer using Lamin A + C antibody (NBP3-15754) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blot: Lamin A + C Antibody (4L8Q0) [NBP3-15754]- Western blot analysis of extracts from normal (control) and Lamin A + C knockout (KO) HeLa cells, using Lamin A + C antibody (NBP3-15754) at 1:50000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunoprecipitation: Lamin A + C Antibody (4L8Q0) [NBP3-15754] - Immunoprecipitation analysis of 200ug extracts of K-562 cells using 3ug Lamin A + C antibody (NBP3-15754). Western blot was performed from the immunoprecipitate using Lamin A + C antibody (NBP3-15754) at a dilution of 1:20000.





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00004000-P01-2ug	Recombinant Human Lamin A + C GST (N-Term) Protein

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