

Product Datasheet

Lamin A + C R482W Antibody (5H8-B4) NBP1-77402

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: 1

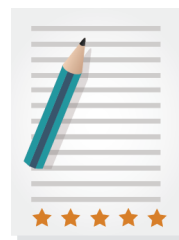
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NBP1-77402

Lamin A + C R482W Antibody (5H8-B4)

Product Information

Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5H8-B4
Preservative	0.1% Sodium Azide
Isotype	IgG1 Kappa
Purity	Unpurified
Buffer	Ascites

Product Description

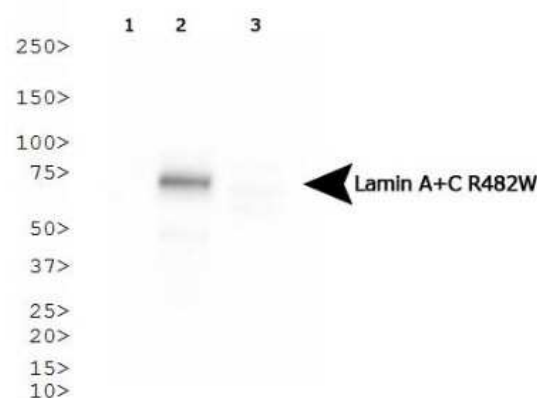
Host	Mouse
Gene ID	4000
Gene Symbol	LMNA
Species	Human
Specificity/Sensitivity	Disease-associated point-mutant R482W of Lamin A + C
Immunogen	Hepatitis B Virus Capsid Antigen (HBcAg) Lamin A + C Ig-fold R482W fusion protein.

Product Application Details

Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:10-1:500
Application Notes	This Lamin A + C R482W (5H8-B4) point-mutant specific antibody is useful for Western blot, ELISA, Immunoprecipitation and Immunocytochemistry/Immunofluorescence. In WB bands can be seen at 74kDa (Lamin A) and 65 kDa (Lamin C).

Images

Western Blot: Lamin A + C R482W Antibody (5H8-B4) [NBP1-77402] - Analysis of Lamin A + C R482W in HeLa cells transfected with Flag-tagged Lamin A 1) wild type, 2) R482W and 3) R453W.



Publications

Roblek M, Schuchner S, Huber V, Ollram K, Vlcek-Vesely S, Foisner R, Wehnert M, Ogris E. Monoclonal antibodies specific for disease-associated point-mutants: lamin A/C R453W and R482W. PLoS One. 5(5):e10604. 2010-05-13 [PMID: 20498701] (ICC/IF, IP, WB, Human)



Procedures

Western Blot Protocol Specific for NBP1-77402: Lamin A + C R482W Antibody (5H8-B4)

Lamin A + C R482W Antibody (5H8-B4):

Western Blot Protocol

1. Perform SDS-PAGE on samples to be analyzed, loading 40 ug of total protein per lane.
2. Transfer proteins to membrane according to the instructions provided by the manufacturer of the membrane and transfer apparatus.
3. Stain according to standard Ponceau S procedure (or similar product) to assess transfer success, and mark molecular weight standards where appropriate.
4. Rinse the blot.
5. Block the membrane using standard blocking buffer for at least 1 hour.
6. Wash the membrane in wash buffer three times for 10 minutes each.
7. Dilute primary antibody in blocking buffer and incubate 1 hour at room temperature.
8. Wash the membrane in wash buffer three times for 10 minutes each.
9. Apply the diluted HRP conjugated secondary antibody in blocking buffer (as per manufacturers instructions) and incubate 1 hour at room temperature.
10. Wash the blot in wash buffer three times for 10 minutes each (this step can be repeated as required to reduce background).
11. Apply the detection reagent of choice in accordance with the manufacturers instructions.

****Note:** Tween-20 can be added to the blocking or antibody dilution buffer at a final concentration of 0.05-0.2%.

***The above information is only intended as a guide. The researcher should determine what protocol best meets their needs. Please follow safe laboratory procedures.**





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Products Related to NBP1-77402

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
210-TA-005	TNF-alpha [Unconjugated]

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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