

Product Datasheet

Laminin alpha 2 Antibody (PSH0-94) NBP3-32521

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32521**Laminin alpha 2 Antibody (PSH0-94)**

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH0-94
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	344 kDa
Product Description	
Host	Rabbit
Gene ID	3908
Gene Symbol	LAMA2
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human Laminin alpha 2 1,151-1,400 / 3,122. (Uniprot: P24043)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000



Images

Western Blot: Laminin alpha 2 Antibody (PSH0-94) [NBP3-32521] -
Western blot analysis of Laminin alpha 2 on different lysates with Rabbit anti-Laminin alpha 2 antibody (NBP3-32521) at 1/1,000 dilution.

Lane 1: Mouse heart tissue lysate
Lane 2: Rat heart tissue lysate
Lane 3: Mouse skeletal muscle tissue lysate
Lane 4: Rat skeletal muscle tissue lysate

Lysates/proteins at 40 ug/Lane.

Predicted band size: 344 kDa
Observed band size: 344 kDa

Exposure time: 2 minutes;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32521) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.

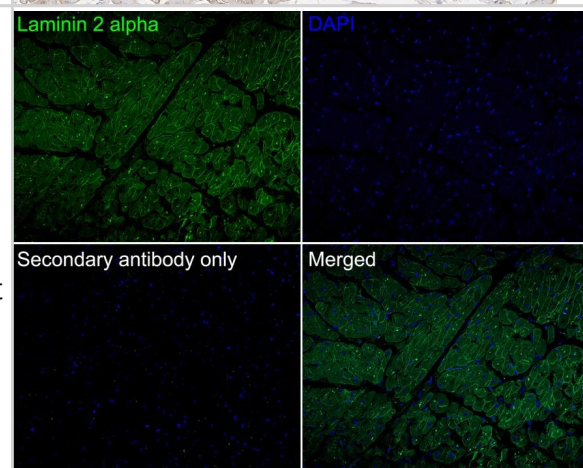
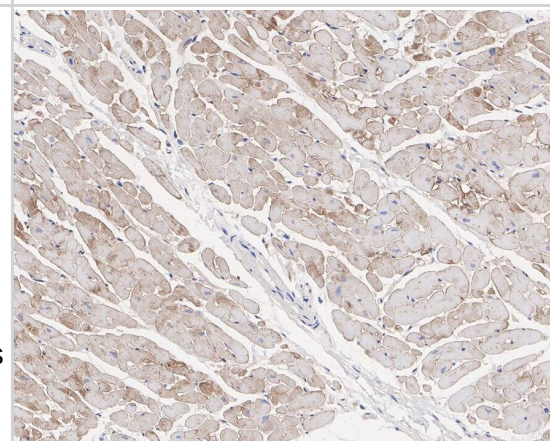
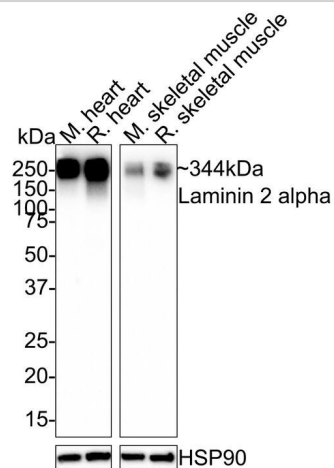
Immunohistochemistry: Laminin alpha 2 Antibody (PSH0-94) [NBP3-32521] - Immunohistochemical analysis of paraffin-embedded human heart tissue with Rabbit anti-Laminin alpha 2 antibody (NBP3-32521) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32521) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Immunohistochemistry: Laminin alpha 2 Antibody (PSH0-94) [NBP3-32521] - Immunofluorescence analysis of paraffin-embedded human heart tissue labeling Laminin alpha 2 with Rabbit anti-Laminin alpha 2 antibody (NBP3-32521) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-32521, green) at 1/1,000 dilution overnight at 4 °C, washed with PBS.

Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).





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Products Related to NBP3-32521

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00003908-Q01-10ug	Recombinant Human Laminin alpha 2 GST (N-Term) Protein

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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