

Product Datasheet

Neurogranin Antibody (PSH02-96) NBP3-32645

Unit Size: 100 ul

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

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NBP3-32645

Neurogranin Antibody (PSH02-96)

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	PSH02-96
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	8 kDa

Product Description	
Description	Novus Biologicals Rabbit Neurogranin Antibody (PSH02-96) (NBP3-32645) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4900
Gene Symbol	NRGN
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human Neurogranin aa 1-78 / 78. (Uniprot: Q92686)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:500

Images

Western Blot: Neurogranin Antibody (PSH02-96) [NBP3-32645] - Western blot analysis of Neurogranin on different lysates with Rabbit anti-Neurogranin antibody (NBP3-32645) at 1/2,000 dilution.

Lane 1: Mouse brain tissue lysate
 Lane 2: Mouse hippocampus tissue lysate
 Lane 3: Rat brain tissue lysate
 Lane 4: Rat hippocampus tissue lysate

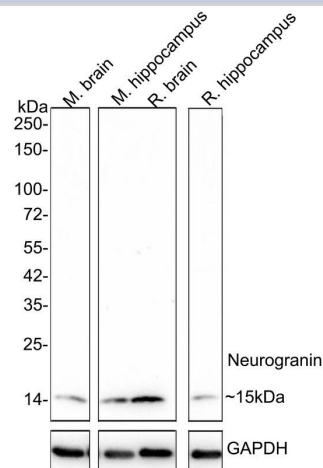
Lysates/proteins at 30 ug/Lane.

Predicted band size: 8 kDa
 Observed band size: 15 kDa

Exposure time: 3 minutes;

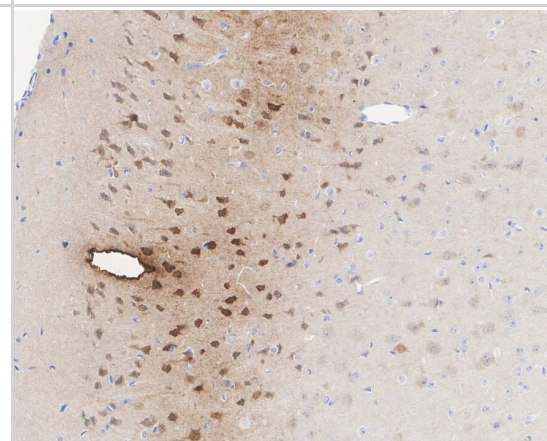
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32645) at 1/2,000 dilution was used in 5% NFDm/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



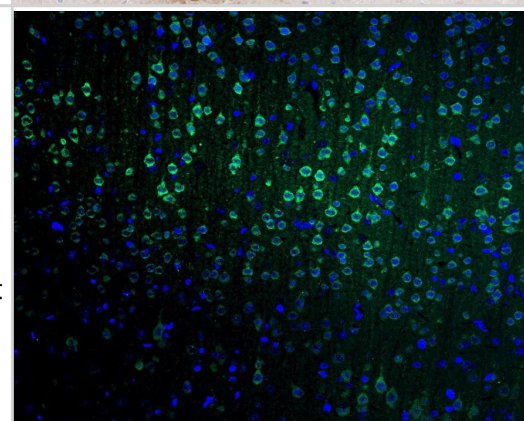
Immunohistochemistry: Neurogranin Antibody (PSH02-96) [NBP3-32645] - Immunohistochemical analysis of paraffin-embedded mouse brain tissue with Rabbit anti-Neurogranin antibody (NBP3-32645) at 1/500 dilution.

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 (NBP3-32645) at 1/500 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: Neurogranin Antibody (PSH02-96) [NBP3-32645] - Immunofluorescence analysis of paraffin-embedded rat brain tissue labeling Neurogranin with Rabbit anti-Neurogranin antibody (NBP3-32645) at 1/50 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 (NBP3-32645, green) at 1/50 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 NBP3-32645

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

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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