

Product Datasheet

Neuroigin 4X/NLGN4X Antibody (S98-7) - BSA Free NBP2-42198

Unit Size: 0.1 mg

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

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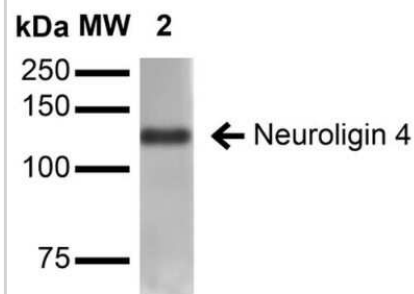
NBP2-42198

Neurologin 4X/NLGN4X Antibody (S98-7) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	S98-7
Preservative	0.1% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse Neurologin 4X/NLGN4X Antibody (S98-7) - BSA Free (NBP2-42198) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	57502
Gene Symbol	NLGN4X
Species	Mouse, Rat
Specificity/Sensitivity	Approx 45% identity with Neurologin-1, -2 and -3. Detects approx 25-130kDa.
Immunogen	Fusion protein amino acids 782-945 (intracellular C-terminus) of mouse Neurologin 4. ~45% identity with Neurologin-1, -2 and -3.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:100, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	1 ug/ml of Neurologin 4 Antibody was sufficient for detection of Neurologin 4 in 20 ug of mouse brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

Images

Western Blot: Neuroligin 4X/NLGN4X Antibody (S98-7) [NBP2-42198] - Western Blot analysis of Rat Brain Membrane showing detection of ~125-130 kDa Neuroligin 4X/NLGN4X protein using Mouse Anti-Neuroligin 4X/NLGN4X Monoclonal Antibody, Clone S98-7 (NBP2-42198). Lane 1: Molecular Weight Ladder (MW). Lane 2: Mouse Brain Membrane. Load: 15 ug. Block: 2% BSA and 2% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-Neuroligin 4X/NLGN4X Monoclonal Antibody (NBP2-42198) at 1:1000 for 16 hours at 4C. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:2000 for 60 min at RT. Color Development: ECL solution for 6 min at RT. Predicted/Observed Size: ~125-130 kDa.



Immunocytochemistry/Immunofluorescence: Neuroligin 4X/NLGN4X Antibody (S98-7) [NBP2-42198] - Tissue: Dentate Gyrus. Species: Mouse. Fixation: formaldehyde-fixed paraffin embedded. Primary Antibody: Mouse Anti-Neuroligin 4 Monoclonal Antibody at 1:100. Secondary Antibody: FITC Goat Anti-Mouse (green). Counterstain: DAPI (blue) nuclear stain at 1:1000. Courtesy of: Rachel Reith, NIH/NIMH.





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Products Related to NBP2-42198

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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