

# Product Datasheet

## Neurologin 2/NLGN2 Antibody - BSA Free NBP2-41299

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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### Publications: 1

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Updated 10/23/2024 v.20.1

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**NBP2-41299**

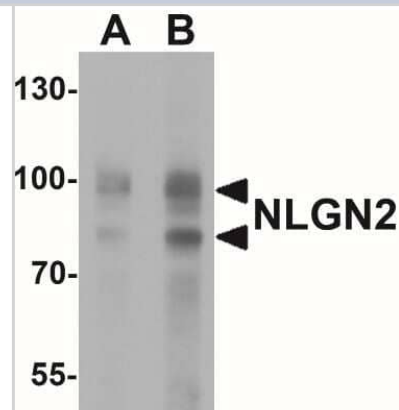
Neurologin 2/NLGN2 Antibody - BSA Free

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	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	80, 97 kDa
Product Description	
Host	Rabbit
Gene ID	57555
Gene Symbol	NLGN2
Species	Human, Mouse, Rat
Specificity/Sensitivity	At least two isoforms are known to exist; this antibody will detect both isoforms. NLGN2 antibody is predicted to not cross-react with other members of the NLGN protein family.
Immunogen	Antibody was raised against a 19 amino acid peptide near the carboxy terminus of human NLGN2. The immunogen is located within amino acids 630 - 680 of NLGN2. Amino Acid Sequence: PPATLPPEPEPEPGPRAYD
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 - 2 ug/ml, ELISA, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml

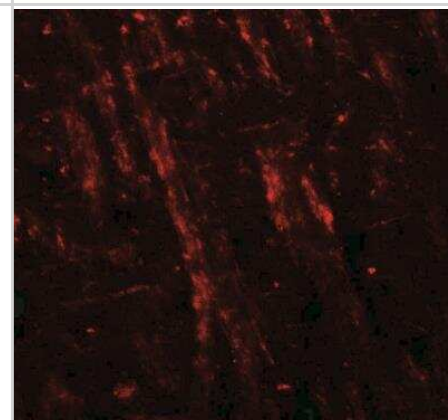


## Images

Western Blot: Neuroligin 2/NLGN2 Antibody [NBP2-41299] - Analysis of NLGN2 in rat brain tissue lysate with NLGN2 antibody at (A) 1 and (B) 2 ug/ml.



Immunocytochemistry/Immunofluorescence: Neuroligin 2/NLGN2 Antibody [NBP2-41299] - Mouse brain tissue with NLGN2 antibody at 20 ug/ml.



Immunohistochemistry-Paraffin: Neuroligin 2/NLGN2 Antibody [NBP2-41299] - Mouse brain tissue with NLGN2 antibody at 5 ug/ml.



## Publications

Shah DP, Joshi M, Shedaliya U, Krishnakumar A Recurrent hypoglycemia dampens functional regulation mediated via Neurexin-1, Neuroligin-2 and Mint1 docking proteins: Intensified complications during diabetes Cellular signalling 2022-12-29 [PMID: 36587752] (Immunohistochemistry, Rat)



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### **Products Related to NBP2-41299**

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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
NBP2-49590PEP	Neurologin 2/NLGN2 Recombinant Protein Antigen

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### **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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