

Product Datasheet

Neuroigin 3/NLGN3 Antibody

NB100-79866

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

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NB100-79866

Neuroigin 3/NLGN3 Antibody

| Product Information | |
|---------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

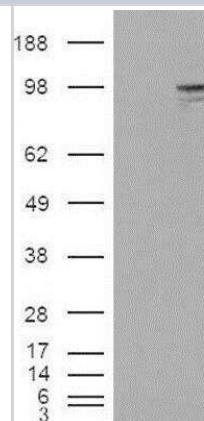
| Product Description | |
|---------------------|--|
| Description | Novus Biologicals Goat Neuroigin 3/NLGN3 Antibody (NB100-79866) is a polyclonal antibody validated for use in WB and ELISA. Anti-Neuroigin 3/NLGN3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Goat |
| Gene ID | 54413 |
| Gene Symbol | NLGN3 |
| Species | Human |
| Immunogen | Peptide with sequence C-RKDKRRQEPLRQPS corresponding to internal region according to NP_061850.2. |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Peptide ELISA |
| Recommended Dilutions | Western Blot 0.05 - 0.2 ug/ml, Peptide ELISA Detection limit 1:16000 |
| Application Notes | WB: Approx. 85-90 kDa band observed in human brain (amygdala) lysates (calculated MW of 91.6 kDa band according to NP_061850.2). In transfected HEK293 transiently expressing Neuregulin3 a band of approx. 98 kDa is observed. This band is not observed in the non-transfected HEK293. |



Images

Western Blot: Neuroligin 3/NLGN3 Antibody [NB100-79866] - HEK293 overexpressing Neuregulin3 and probed with (mock transfection in first lane).



Western Blot: Neuroligin 3/NLGN3 Antibody [NB100-79866] - (0.1ug/ml) staining of Human Brain (Amygdala) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Tabuchi K, Blundell J, Etherton MR et al. A neuroligin-3 mutation implicated in autism increases inhibitory synaptic transmission in mice. *Science* 2007-10-05 [PMID: 17823315]



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Products Related to NB100-79866

| | |
|-----------------|--|
| NBL1-13666 | Neuroigin 3/NLGN3 Overexpression Lysate |
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF017 | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109 | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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