

# Product Datasheet

## Neuroigin 3/NLGN3 Antibody

### NB100-79866

Unit Size: 0.1 mg

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

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**NB100-79866**

## Neuroigin 3/NLGN3 Antibody

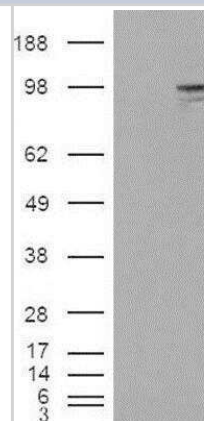
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
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**

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NBL1-13666	Neuroigin 3/NLGN3 Overexpression Lysate
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

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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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