

# Product Datasheet

## Neuroligin 4X/NLGN4X Antibody NB600-817

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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Updated 5/31/2019 v.20.1

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**NB600-817**

Neuroligin 4X/NLGN4X Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris (pH 7.3), 0.5% BSA

**Product Description**

<b>Host</b>	Goat
<b>Gene ID</b>	57502
<b>Gene Symbol</b>	NLGN4X
<b>Species</b>	Human
<b>Reactivity Notes</b>	Expected cross-reactivity: Human
<b>Immunogen</b>	Synthetic peptide: C-KHSKDPHKTGPED, representing the internal of the human protein according to NP_065793.1; NP_851849.1; NP_055708.2
<b>Notes</b>	Please note, this antibody is considered Innovators Grade. Innovators Grade antibodies are generally unvalidated and require additional characterization for most new species/applications. Novus has made these antibodies available through our Innovators Reward program. Complete an online review with image, detailing your positive or negative results. In return, you receive a discount voucher for 100% of the purchase price of the reviewed product. Please contact us at innovators@novusbio.com for more details.

**Product Application Details**

<b>Applications</b>	Peptide ELISA
<b>Recommended Dilutions</b>	Peptide ELISA detection limit 1:128000
<b>Application Notes</b>	Peptide ELISA: antibody detection limit dilution 1:128000. Western Blot: Preliminary experiments gave a faint approx 90kDa band and a strong approx 70kDa band in Human Brain lysates after 1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the 70kDa band we observe given the calculated size of 91.9kDa according to NP_065793.1, NP_851849.1 and NP_055708.2 The 70kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?



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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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