

## Product datasheet for **TA349101**

### Neuroigin 2 (NLGN2) Rabbit Polyclonal Antibody

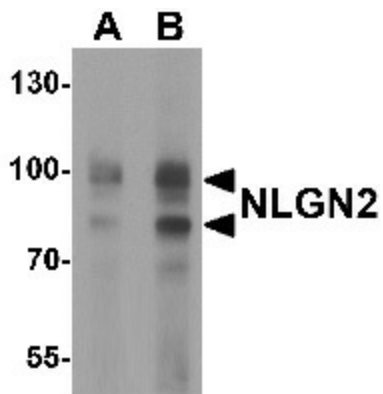
#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	NLGN2 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human NLGN2.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	NLGN2 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 92, 99 kDa; Observed: 80, 97 kDa
Gene Name:	neuroigin 2
Database Link:	<a href="#">NP_065846</a> <a href="#">Entrez Gene 57555 Human</a> <a href="#">Q8NFZ4</a>
Background:	Neuroigin 2 (NLGN2) is a member of a family of neuronal cell surface proteins that localize to the post-synaptic membrane (1,2). Neuroigins are thought to act as splice site-specific ligands for beta-neurexins and may be involved in the formation and remodeling of central nervous system synapses (2). NLGN2 has been shown to control perisomatic inhibitory synapse maturation together with gephyrin and collybistin, thereby regulating GABA receptor clustering on neurons (3,4). NLGN2 also exhibits differential functions at different types of inhibitory synapses on the same postsynaptic neuron (5).
Synonyms:	DIP-1; DIP1; LVNC7; MIB; ZZANK2; ZZZ6



[View online »](#)

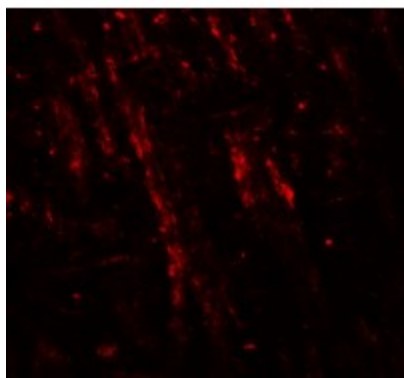
Product images:



Western blot analysis of NLGN2 in rat brain tissue lysate with NLGN2 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of NLGN2 in mouse brain tissue with NLGN2 antibody at 5 ug/mL.



Immunofluorescence of NLGN2 in mouse brain tissue with NLGN2 antibody at 20 ug/mL.