

bs-11098R**[Primary Antibody]****NLGN2 Rabbit pAb****Bioss**
ANTIBODIES

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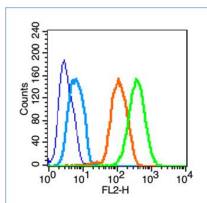
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 57555 Target: NLGN2 Immunogen: KLH conjugated synthetic peptide derived from human NLGN1: 251-350/835. < Extracellular > Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: Neuroligins are a family of plasma membrane proteins that possess an N-terminal hydrophobic domain, a large esterase homology domain, a single transmembrane region, a short cytoplasmic domain, and an EF-hand binding domain (1,2). Members of the neuroligin family include Neuroligin 1, Neuroligin 2 and Neuroligin 3. Neuroligins are expressed in excitatory neuronal synaptic clefts. Neuroligins play a role in the formation and remodeling of CNS synapses by binding to b-neurexins, a family of neuronal cell surface proteins. Neuroexin 1b binds to the EF-hand domain of Neuroligin 1 and requires calcium ion. Neuroligins also bind to PSD-95, which may recruit ion channels and neurotransmitter receptors to the synapses.	Isotype: IgG SWISS: Q8NFZ4	Applications: Flow-Cyt (1µg/Test) Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse) Predicted MW.: 90 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

Blank control (blue line): U251 (fixed with 70% ethanol for 5 min at -20°C). Primary Antibody (green line): Rabbit Anti- Neuroligin 2 antibody (bs-11098R), Dilution: 1µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE,Dilution: 1µg /test.