

Anti-NLGN2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 90 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Blank control (blue line): U251 (fixed with 70% ethanol for 5 min at -20°C). Primary Antibody (green line): Rabbit Anti-Neuroigin 2 antibody (TMAB-09514), Dilution: 1 µg /10 ⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE, Dilution: 1 µg /test.
Application:	FCM
Recommended	FCM: 1µg/Test

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human NLGN1
Antigen Species:	Human
Gene ID:	57555
Uniprot ID:	Q8NFZ4

Research 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 neuroigin family include Neuroigin 1, Neuroigin 2 and Neuroigin 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 Neuroigin 1 and requires calcium ion. Neuroligins also bind to PSD-95, which may recruit ion channels and neurotransmitter receptors to the synapses.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481