

Immunotag™ NLGN1 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN0965
Product Description	Immunotag™ NLGN1 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NLGN1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 410-490
Specificity	NLGN1 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	NLGN1 KIAA1070
Accession No.	Q8N2Q7 Q99K10 Q62765
Description	neuroigin 1(NLGN1) Homo sapiens This gene encodes a member of a family of neuronal cell surface proteins. Members of this family may act as splice site-specific ligands for beta-neurexins and may be involved in the formation and remodeling of central nervous system synapses. [provided by RefSeq, Jul 2008],
Cell Pathway/ Category	Cell adhesion molecules (CAMs),

Antibody Specification

Protein Expression	Brain,Duodenum,Embryo,
Subcellular Localization	extracellular space,Golgi apparatus,plasma membrane,integral component of plasma membrane,external side of plasma membrane,cell surface,postsynaptic density,NMDA selective glutamate receptor complex,cell junction,dendrite,filopodium tip,
Protein Function	function:Neuronal cell surface protein thought to be involved in cell-cell-interactions by forming intercellular junctions through binding to beta-neurexins. Seems to play role in formation or maintenance of synaptic junctions. In vitro, triggers the de novo formation of presynaptic structures. May be involved in specification of excitatory synapses.,similarity:Belongs to the type-B carboxylesterase/lipase family.,subcellular location:Enriched in synaptic plasma membranes and clustered in synaptic clefts and postsynaptic densities.,subunit:Interacts with neurexin 1-beta, neurexin 2-beta and neurexin 3-beta. Interacts through its C-terminus with DLG4/PSD-95 third PDZ domain. Interacts with AIP1 and PDZRN3.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.