

Immunotag™ NLGN2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN0966
Product Description	Immunotag™ NLGN2 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	NLGN2
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,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 310-390
Specificity	NLGN2 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	NLGN2 KIAA1366
Accession No.	Q8NFZ4 Q69ZK9 Q62888
Description	neurexin 2(NLGN2) 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),

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Protein Expression	Brain,
Subcellular Localization	extracellular space,integral component of plasma membrane,cell surface,membrane,cell junction,presynaptic membrane,synapse,postsynaptic membrane,inhibitory synapse,integral component of postsynaptic membrane,
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.,similarity:Belongs to the type-B carboxylesterase/lipase family.,subunit:Interacts with neurexin 1-beta, neurexin 2-beta and neurexin 3-beta. Interacts with INADL (By similarity). Probably interacts through its C-terminus with DLG4 third PDZ domain.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.