Immunotag™ Neurexin IIIβ Polyclonal Antibody

Antibody Specification

Catalog No.	ITT3057
Product Description	Immunotag™ Neurexin IIIβ 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	Neurexin IIIβ
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Neurexin IIIβ . at AA range: 30-110
Specificity	Neurexin IIIβ Polyclonal Antibody detects endogenous levels of Neurexin IIIβ protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	NRXN3
Accession No.	Q9HDB5 Q8C985
Alternate Names	NRXN3; KIAA0743; Neurexin-3-beta; Neurexin III-beta

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Description	NRXN3 (neurexin 3) encodes a member of a family of proteins that function in the nervous system as receptors and cell adhesion molecules. Extensive alternative splicing and the use of alternative promoters results in multiple transcript variants and protein isoforms for this gene, but the full-length nature of many of these variants has not been determined. Transcripts that initiate from an upstream promoter encode alpha isoforms, which contain epidermal growth factor-like (EGF-like) sequences and laminin G domains. Transcripts initiating from the downstream promoter encode beta isoforms, which lack EGF-like sequences. Genetic variation at this locus has been associated with a range of behavioral phenotypes, including alcohol dependence and autism spectrum disorder.
Cell Pathway/ Category	Cell adhesion molecules (CAMs),
Protein Function	cell morphogenesis, cell morphogenesis involved in differentiation, regulation of neurotransmitter levels, generation of a signal involved in cell-cell signaling, neurotransmitter transport, cell motion, cell adhesion, cell-cell signaling, synaptic transmission, neurotransmitter secretion, axonogenesis, axon guidance, synaptogenesis, transmission of nerve impulse, biological adhesion, cell projection organization, neuron differentiation, neuron projection development,secretion by cell, cellular component morphogenesis, cell part morphogenesis, extracellular structure organization,secretion, neuron development, cell morphogenesis involved in neuron differentiation, neuron projection morphogenesis, cell projection morphogenesis, synapse organization, neurological system process,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.