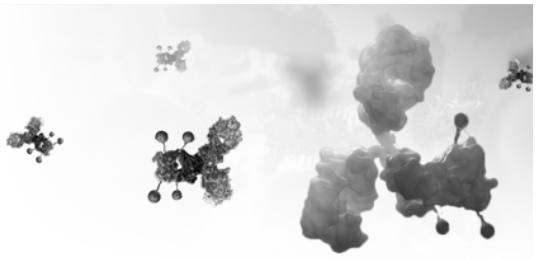

Human NRXN1 blocking peptide (CDBP2004)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Neurexin 1 antibody
Antigen Description	Neurexins function in the vertebrate nervous system as cell adhesion molecules and receptors. Two neurexin genes are among the largest known in human (NRXN1 and NRXN3). By using alternate promoters, splice sites and exons, predictions of hundreds or even thousands of distinct mRNAs have been made. Most transcripts use the upstream promoter and encode alpha-neurexin isoforms; fewer transcripts are produced from the downstream promoter and encode beta-neurexin isoforms. Alpha-neurexins contain epidermal growth factor-like (EGF-like) sequences and laminin G domains, and they interact with neurexophilins. Beta-neurexins lack EGF-like sequences and contain fewer laminin G domains than alpha-neurexins. The RefSeq Project has decided to create only a few representative transcript variants of the multitude that are possible. [provided by RefSeq, Oct 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	NRXN1 neurexin 1 [Homo sapiens (human)]

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Official Symbol	NRXN1
Synonyms	NRXN1; neurexin 1; PTHSL2; SCZD17; Hs.22998; neurexin-1-beta; neurexin I;
Entrez Gene ID	9378
mRNA Refseq	NM_001135659.1
Protein Refseq	NP_001129131.1
UniProt ID	A7E294
Chromosome Location	2p16.3
Pathway	Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Extracellular matrix organization, organism-specific biosystem; Non-integrin membrane-ECM interactions, organism-specific biosystem;
Function	acetylcholine receptor binding; calcium channel regulator activity; calcium ion binding; calcium-dependent protein binding; cell adhesion molecule binding; metal ion binding; neuroligin family protein binding; protein binding; receptor activity; receptor

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