RTN4 blocking peptide (CDBP5839)

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

PRODUCT INFORMATION

Antigen Description	This gene belongs to the family of reticulon encoding genes. Reticulons are associated with the endoplasmic reticulum, and are involved in neuroendocrine secretion or in membrane trafficking in neuroendocrine cells. The product of this gene is a potent neurite outgrowth inhibitor which may also help block the regeneration of the central nervous system in higher vertebrates. Alternatively spliced transcript variants derived both from differential splicing and differential promoter usage and encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 μg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	RTN4 reticulon 4 [Homo sapiens (human)]
Official Symbol	RTN4
Synonyms	RTN4; reticulon 4; ASY; NSP; NOGO; NOGOC; RTN-X; NOGO-A; NSP-CL; Nogo-B; Nogo-C; RTN4-A; RTN4-C; RTN4-B1; RTN4-B2; NI220/250; Nbla00271; Nbla10545; reticulon-4; foocen; Human NogoA; reticulon 5; My043 protein; neurite outgrowth inhibitor; neurite growth inhibitor

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	220; neuroendocrine-specific protein C homolog
Entrez Gene ID	57142
mRNA Refseq	NM_007008
Protein Refseq	NP_008939
UniProt ID	Q9NQC3
Pathway	Axonal growth inhibition (RHOA activation); Signal Transduction; Signalling by NGF; Spinal Cord Injury; p75 NTR receptor-mediated signalling; p75(NTR)-mediated signaling; p75NTR regulates axonogenesis
Function	poly(A) RNA binding; protein binding

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