



Human NRGN blocking peptide (CDBP2014)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Neurogranin antibody
Antigen Description	Neurogranin (NRGN) is the human homolog of the neuron-specific rat RC3/neurogranin gene. This gene encodes a postsynaptic protein kinase substrate that binds calmodulin in the absence of calcium. The NRGN gene contains four exons and three introns. The exons 1 and 2 encode the protein and exons 3 and 4 contain untranslated sequences. It is suggested that the NRGN is a direct target for thyroid hormone in human brain, and that control of expression of this gene could underlay many of the consequences of hypothyroidism on mental states during development as well as in adult subjects. [provided by RefSeq, Jul 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	NRGN neurogranin (protein kinase C substrate, RC3) [Homo sapiens (human)]
Official Symbol	NRGN
Synonyms	NRGN; neurogranin (protein kinase C substrate, RC3); RC3; hng; neurogranin; ng; calmodulin-

binding protein; protein kinase C substrate;

Entrez Gene ID	4900
mRNA Refseq	NM_001126181.1
Protein Refseq	NP_001119653.1
UniProt ID	Q92686
Chromosome Location	11q24
Function	calmodulin binding;