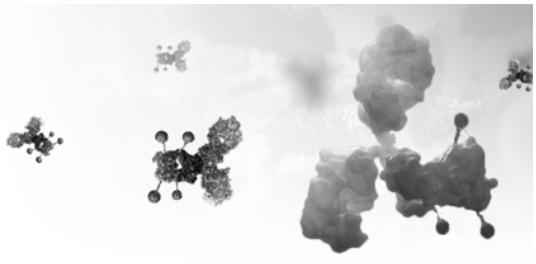

Human CAMK2N2 blocking peptide (CDBP0668)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CAMKIIN antibody
Antigen Description	This gene encodes a protein that is highly similar to the rat CaM-KII inhibitory protein, an inhibitor of calcium/calmodulin-dependent protein kinase II (CAMKII). CAMKII regulates numerous physiological functions, including neuronal synaptic plasticity through the phosphorylation of alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid-type glutamate (AMPA) receptors. Studies of the similar protein in rat suggest that this protein may function as a negative regulator of CaM-KII and may act to inhibit the phosphorylation of AMPA receptors. [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	CAMK2N2 calcium/calmodulin-dependent protein kinase II inhibitor 2 [Homo sapiens (human)]
Official Symbol	CAMK2N2

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Synonyms	CAMK2N2; calcium/calmodulin-dependent protein kinase II inhibitor 2; CAMKIIN; CAM-KIIN; CaM-KII inhibitory protein;
Entrez Gene ID	94032
mRNA Refseq	NM_033259.2
Protein Refseq	NP_150284.1
UniProt ID	Q96S95
Chromosome Location	3q27.1
Function	calcium-dependent protein kinase inhibitor activity; protein kinase binding;

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