



# Human RAPSN blocking peptide (CDBP2479)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-RAPSN/Rapsyn antibody
<b>Antigen Description</b>	This gene encodes a member of a family of proteins that are receptor associated proteins of the synapse. The encoded protein contains a conserved cAMP-dependent protein kinase phosphorylation site, and plays a critical role in clustering and anchoring nicotinic acetylcholine receptors at synaptic sites by linking the receptors to the underlying postsynaptic cytoskeleton, possibly by direct association with actin or spectrin. Mutations in this gene may play a role in postsynaptic congenital myasthenic syndromes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Apr 2011]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">RAPSN receptor-associated protein of the synapse [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	RAPSN
<b>Synonyms</b>	RAPSN; receptor-associated protein of the synapse; RAPSYN; RNF205; 43 kDa receptor-

associated protein of the synapse; RING finger protein 205; 43 kda postsynaptic protein;  
acetylcholine receptor-associated 43 kda protein;

<b>Entrez Gene ID</b>	<a href="#">5913</a>
<b>mRNA Refseq</b>	<a href="#">NM_005055.4</a>
<b>Protein Refseq</b>	<a href="#">NP_005046.2</a>
<b>UniProt ID</b>	Q13702
<b>Chromosome Location</b>	11p11.2
<b>Function</b>	acetylcholine receptor binding; ionotropic glutamate receptor binding; zinc ion binding;