



Human SYNGAP1 blocking peptide (CDBP2884)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SYNGAP1 antibody
Antigen Description	The protein encoded by this gene is a major component of the postsynaptic density (PSD), a group of proteins found associated with NMDA receptors at synapses. The encoded protein is phosphorylated by calmodulin-dependent protein kinase II and dephosphorylated by NMDA receptor activation. Defects in this gene are a cause of mental retardation autosomal dominant type 5 (MRD5). [provided by RefSeq, Dec 2009]
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	SYNGAP1 synaptic Ras GTPase activating protein 1 [Homo sapiens]
Official Symbol	SYNGAP1
Synonyms	SYNGAP1; synaptic Ras GTPase activating protein 1; synaptic Ras GTPase activating protein

1 homolog (rat); ras GTPase-activating protein SynGAP; KIAA1938; RASA5; SYNGAP; neuronal RasGAP; synaptic Ras GTPase-activating protein 1; synaptic Ras GTPase activating protein, 135kDa; synaptic Ras GTPase activating protein 1 homolog; MRD5; RASA1; DKFZp761G1421;

Entrez Gene ID	8831
mRNA Refseq	NM_006772
Protein Refseq	NP_006763
UniProt ID	Q96PV0
Chromosome Location	6p21.3
Function	Rab GTPase activator activity; Ras GTPase activator activity; SH3 domain binding;