



Human SRGAP2 blocking peptide (CDBP2813)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SRGAP2 antibody
Antigen Description	This locus encodes a member of the SLIT-ROBO Rho GTPase activating protein family. The encoded protein stimulates GTPase activity of Rac1, and plays a role in cortical neuron development. This locus has several paralogous loci on human chromosome 1, resulting from segmental duplication. While this locus itself is conserved among various species, the paralogs are found only in the genus Homo, and not in the genomes of non-human great apes. Alternatively spliced transcript variants have been described for this locus. [provided by RefSeq, Dec 2012]
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	SRGAP2 SLIT-ROBO Rho GTPase activating protein 2 [Homo sapiens (human)]
Official Symbol	SRGAP2
Synonyms	SRGAP2; SLIT-ROBO Rho GTPase activating protein 2; FNBP2; SRGAP3; SRGAP2A;

ARHGAP34; SLIT-ROBO Rho GTPase-activating protein 2; formin-binding protein 2; rho GTPase-activating protein 34;

Entrez Gene ID	23380
mRNA Refseq	NM_001170637.2
Protein Refseq	NP_001164108.1
UniProt ID	B4DFE5
Chromosome Location	1q32.1
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Inactivation of Cdc42 and Rac, organism-specific biosystem; Inactivation of Cdc42 and Rac, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling b
Function	Rac GTPase activator activity; Rac GTPase activator activity; Rac GTPase binding; protein binding; protein homodimerization activity;