



Rat SV2C peptide (DAG-P2009)

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

PRODUCT INFORMATION

Antigen Description	SV2s (Synaptic Vesicle protein 2) are integral membrane glycoproteins present in all synaptic vesicles. They have 12 transmembrane domains predicted by sequence analysis. There are three characterized isoforms, SV2A, SV2B and SV2C. SV2A is expressed ubiquitously throughout the brain. SV2B has a more restricted distribution with varying degrees of coexpression with SV2A. SV2C is more closely related to SV2A but shows a very restricted expression pattern; the highest expression levels being observed in phylogenetically old brain areas like pallidum, the midbrain and the olfactory bulb.
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	SV2C synaptic vesicle glycoprotein 2C [Homo sapiens (human)]
Official Symbol	SV2C
Synonyms	SV2C; synaptic vesicle glycoprotein 2C; synaptic vesicle protein 2C;
Entrez Gene ID	22987
mRNA Refseq	NM_014979.1
Protein Refseq	NP_055794.1

UniProt ID	Q496J9
Chromosome Location	5q13.3
Pathway	ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem;
Function	transmembrane transporter activity;