



Rat VAMP2 peptide (DAG-P1295)

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

PRODUCT INFORMATION

Antigen Description	plays a role in membrane fusion in neuronal exocytosis
Specificity	Nervous system and skeletal muscle.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the synaptobrevin family. Contains 1 v-SNARE coiled-coil homology domain.
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	Vamp2 vesicle-associated membrane protein 2 [Rattus norvegicus (Norway rat)]
Official Symbol	VAMP2
Synonyms	VAMP2; vesicle-associated membrane protein 2; SYB; Syb2; RATVAMPB; RATVAMPIR; VAMP-2; synaptobrevin-2; Vesicle-associated membrane protein (synaptobrevin 2); Synaptobrevin 2 (vesicle-associated membrane protein VAMP-2);
Entrez Gene ID	24803
mRNA Refseq	NM_012663.2
Protein Refseq	NP_036795.1

UniProt ID	P63045
Chromosome Location	10q24
Pathway	Insulin Signaling, organism-specific biosystem; Insulin secretion, organism-specific biosystem; SNARE interactions in vesicular transport, organism-specific biosystem; SNARE interactions in vesicular transport, conserved biosystem; Salivary secretion, organism-specific biosystem; Salivary secretion, conserved biosystem; Synaptic vesicle cycle, organism-specific biosystem; Synaptic vesicle cycle, conserved biosystem; Vasopressin-regulated water reabsorption, organism-specific biosystem; Vasopress
Function	SNAP receptor activity; SNARE binding; SNARE binding; calmodulin binding; calmodulin binding; identical protein binding; myosin binding; phospholipid binding; phospholipid binding; protein C-terminus binding; protein binding; protein complex binding; synt