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Anti-Synaptotagmin 1 Antibody

Our Anti-synaptotagmin 1 rabbit polyclonal primary antibody from PhosphoSolutions is produced in-hou
Catalog # AN1569

Product Information

Application	WB
Primary Accession	P21707
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	47399

Additional Information

Gene ID	25716
Other Names	DKFZp781D2042 antibody, FLJ42519 antibody, P65 antibody, SVP65 antibody, synaptotagmin 1 antibody, Synaptotagmin I antibody, SYT antibody, SYT1 antibody, SytI antibody
Target/Specificity	Synaptotagmin 1 is a synaptic vesicle membrane glycoprotein that is widely expressed throughout the CNS and is generally thought to act as the Ca2+ sensor in the regulation of exocytosis and neurotransmitter release (Littleton and Bellen 1995). Recent studies indicate that synaptotagmin's Ca2+ mediated binding of SNAP25 is essential for the Ca2+ dependent triggering of membrane fusion (Zhang et al., 2002). It has recently been demonstrated that discrete residues within the c(2)b binding domain of synaptotagmin 1 independently specify endocytic rate and synaptic vesicle size (Poskanzer et al., 2006).
Dilution	WB~~1:1000
Format	Antigen Affinity Purified from Pooled Serum
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-Synaptotagmin 1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

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