

Synaptotagmin 1/2 (phospho Ser309/306) Polyclonal Antibody

Catalog No: #13497

Package Size: #13497-1 50ul #13497-2 100ul

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Description

Product Name	Synaptotagmin 1/2 (phospho Ser309/306) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Synaptotagmin 1/2 (S309/306) Polyclonal Antibody detects endogenous levels of Synaptotagmin 1/2 protein only when phosphorylated at S309/306.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Synaptotagmin around the phosphorylation site of Ser309. AA range:276-325
Conjugates	Unconjugated
Other Names	SYT1; SVP65; SYT; Synaptotagmin-1; Synaptotagmin I; SytI; p65; SYT2; Synaptotagmin-2; Synaptotagmin II; SytII
Accession No.	Swiss Prot:P21579/Q8N9I0GeneID:6857/127833
SDS-PAGE MW	47
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Background

synaptotagmin 1(SYT1) Homo sapiens The synaptotagmins are integral membrane proteins of synaptic vesicles thought to serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis. Calcium binding to synaptotagmin-1 participates in triggering neurotransmitter release at the synapse (Fernandez-Chacon et al., 2001 [PubMed 11242035]).[supplied by OMIM, Jul 2010],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.