

Synaptotagmin Antibody HRP Conjugated

Catalog No: #C05194H

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Synaptotagmin Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 190-230 422 derived from human Synaptotagmin 1
Conjugates	HRP
Target Name	Synaptotagmin
Other Names	P65; SYT; SVP65; Synaptotagmin-1; Synaptotagmin I; Sytl; SYT1
Accession No.	Swiss-Prot#P21579NCBI Gene ID6857
Uniprot	P21579
GeneID	6857;
Excitation Emission	N A
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200

Background

May have a regulatory role in the membrane interactions during trafficking of synaptic vesicles at the active zone of the synapse. It binds acidic phospholipids with a specificity that requires the presence of both an acidic head group and a diacyl backbone. A Ca(2+)-dependent interaction between synaptotagmin and putative receptors for activated protein kinase C has also been reported. It can bind to at least three additional proteins in a Ca(2+)-independent manner; these are neuexins, syntaxin and AP2.

Note: This product is for in vitro research use only