

SYT1 polyclonal antibody

Catalog # PAB29091

Size 400 ug

Specification

Product Description	Chicken polyclonal antibody raised against recombinant Human SYT1.
Immunogen	Four different KLH-conjugated synthetic peptides corresponding to different regions of the SYT1 gene product, shared between the human (NP_005630, NCBI) and mouse (NP_033332, NCBI) sequences.
Host	Chicken
Reactivity	Human, Mouse
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgY
Recommend Usage	Immunocytochemistry(1:1000-1:2000) Immunohistochemistry(1:1000-1:2000) Western Blot(1:2000-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.02% sodium azide)
Storage Instruction	Store at 4°C and avoid from light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry

- Immunocytochemistry

Gene Info — SYT1

Entrez GeneID	6857
Protein Accession#	NP_005630
Gene Name	SYT1
Gene Alias	DKFZp781D2042, P65, SVP65, SYT
Gene Description	synaptotagmin I
Omim ID	185605
Gene Ontology	Hyperlink
Gene Summary	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 I participates in triggering neurotransmitter release at the synapse (Fernandez-Chacon et al., 2001 [PubMed 11242035]).[supplied by OMIM]
Other Designations	OTTHUMP00000166064 synaptotagmin 1

Gene Info — Syt1

Entrez GeneID	20979
Protein Accession#	NP_005630
Gene Name	Syt1
Gene Alias	AW124717, G630098F17Rik
Gene Description	synaptotagmin I
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000017428 OTTMUSP00000021532 synaptotagmin 1

Disease

- [Attention Deficit Disorder with Hyperactivity](#)

- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Mental Retardation](#)
- [Tobacco Use Disorder](#)