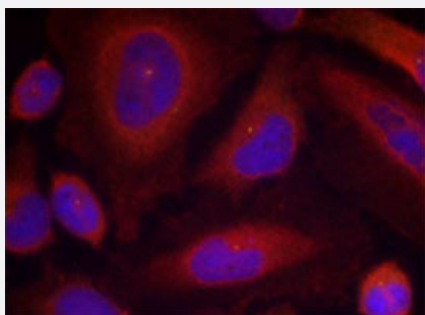


SYT1 (phospho S309) polyclonal antibody

Catalog # PAB25417 Size 100 ug

Applications



Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using SYT1 (phospho S309) polyclonal antibody (Cat # PAB25417).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of SYT1.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S309 of human SYT1.
Sequence	G-L-Sp-D-P
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Recommend Usage	Immunofluorescence (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. 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

- Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using SYT1 (phospho S309) polyclonal antibody (Cat # PAB25417).

Gene Info — SYT1

Entrez GeneID [6857](#)

Protein Accession# [P21579](#)

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

Disease

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