

## Phospho-SYT1-S309

**Reactivity:**Human Mouse Rat

**Tested applications:**IF

**Recommended Dilution:**IF 1:100 - 1:200

**Calculated MW:**46kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding S309 of human SYT1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

P65; SYT; SVP65;

**Background:**

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)

*To place an order, please [Click HERE](#).*

**Catalog #:**AP0459

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**6857

**Isotype:**IgG

**Swiss Prot:**P21579

**Purity:**Affinity purification

For research use only.