

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;

Catalog #: AP0459

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6857

Isotype: IgG

Swiss Prot: P21579

Purity: Affinity purification

For research use only.

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)

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