

## Antibodies Product Datasheet

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| <b>Product Name:</b>          | Synaptotagmin 1/2 (Phospho-Ser309/306) Antibody   |
| <b>Catalog Number:</b>        | A0032   |
| <b>Reactivity:</b>            | Human, Mouse, Rat   |
| <b>Applications:</b>          | WB, IHC-p, IF(paraffin section), ELISA  |
| <b>Dilutions:</b>             | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.<br>ELISA: 1/10000. Not yet tested in other applications.                           |
| <b>Modification:</b>          | Phospho Specific  |
| <b>Source:</b>                | Polyclonal Rabbit   |
| <b>Purification:</b>          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                 |
| <b>Immunogen:</b>             | The antiserum was produced against synthesized peptide derived from human Synaptotagmin around the phosphorylation site of Ser309. AA range:276-325   |
| <b>Concentration:</b>         | 1 mg/ml   |
| <b>Gene Name:</b>             | SYT1/SYT2   |
| <b>Protein Name:</b>          | Synaptotagmin-1/2   |
| <b>Other Name:</b>            | SYT1; SVP65; SYT; Synaptotagmin-1; Synaptotagmin I; SytI; p65; SYT2; Synaptotagmin-2; Synaptotagmin II; SytII   |
| <b>Human Swiss Prot No.:</b>  | P21579/Q8N9I0   |
| <b>Formulation:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Specificity:</b>           | Phospho-Synaptotagmin 1/2 (S309/306) Polyclonal Antibody detects endogenous levels of Synaptotagmin 1/2 protein only when phosphorylated at S309/306. |
| <b>Storage and Stability:</b> | -20°C/1 year  |