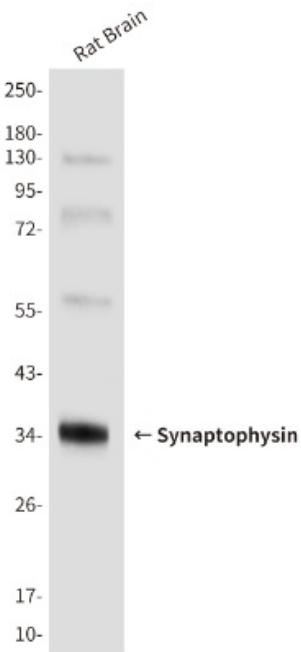
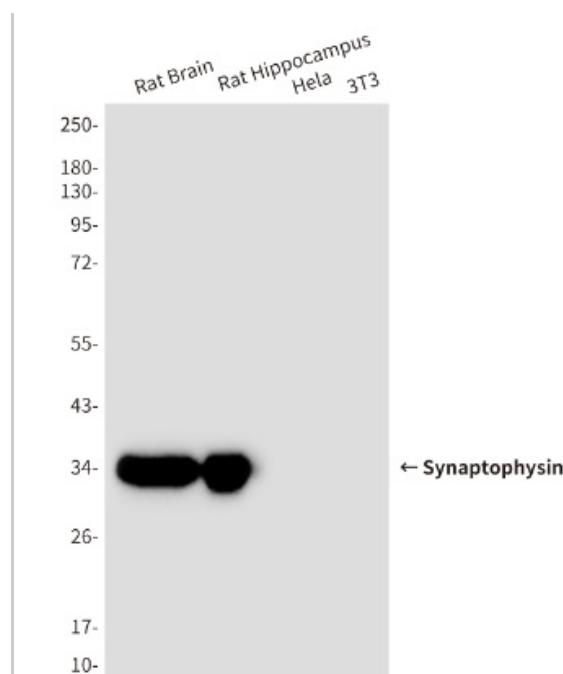


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|-------------------------------|---|
| <b>Swiss-Prot No.:</b>        | P08247  |
| <b>Alternate:</b>             | SYP; Synaptophysin; Major synaptic vesicle protein p38  |
| <b>Storage/Stability:</b>     | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  |
| <b>Immunogen:</b>             | Purified recombinant fragment of SYP expressed in E. Coli.  |
| <b>Purification:</b>          | Ascitic Fluid   |
| <b>Reactivity:</b>            | Human,Mouse,Rat   |
| <b>Other Names:</b>           | MRXSYP; SYP   |
| <b>Background:</b>            | SYP Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane. Involved in the regulation of short-term and long-term synaptic plasticity. Belongs to the synaptophysin/synaptobrevin family. Homohexamer or homotetramer. Note: This description may include information from UniProtKB. |
| <b>Gene ID:</b>               | 6855  |
| <b>Cellular localization:</b> | Cell junction, Cytoplasmic vesicle, Membrane, Synapse, Synaptosome  |
| <b>Source:</b>                | Mouse   |
| <b>Antibody type:</b>         | Monoclonal Antibody   |

|                               |   |
|-------------------------------|---|
| <b>Isotype:</b>               | IgG1  |
| <b>Molecular Weight:</b>      | Calculated MW: 34 kDa; Observed MW: 34 kDa  |
| <b>Preservative:</b>          | Ascitic fluid containing 0.03% sodium azide.  |
| <b>Recommended Dilutions:</b> | WB: 1/500-1/1000 IHC: 1/50-1/100  |
| <b>Clone Number:</b>          | 10C8-10F9-9H9   |
| <b>Product Type:</b>          | Primary Antibody  |
| <b>Applications:</b>          | WB,IHC-P  |
| <b>Gene Name:</b>             | SYP   |
| <b>Form of Antibody:</b>      | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.                         |
|                               |                      |
|                               | Western blot analysis of Synaptophysin (10C8) in rat brain lysates using Synaptophysin (10C8) antibody. |
|                               |   |



Western blot analysis of Synaptophysin (10C8) in rat Brain, rat Hippocampus, Hela, 3T3 lysates using Synaptophysin (10C8) antibody