

Synapsin I (phospho Ser549) antibody

Cat. No. GTX82590

| | |
|--------------|-----------------|
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Applications | WB, ICC/IF, IHC |
| Reactivity | Mouse, Rat |

Package
100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | Assay dependent |
| ICC/IF | Assay dependent |
| IHC | Assay dependent |

Not tested in other applications.

Calculated MW 75 kDa. ([Note](#))

Properties

| | |
|---------------|--|
| Form | Liquid |
| Buffer | 10mM HEPES, 150mM NaCl, 0.01% BSA, 50% Glycerol |
| Preservative | No preservatives |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | Batch dependent (Please refer to the vial label for the specific concentration.) |
| Immunogen | Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser549 conjugated to KLH |
| Purification | Affinity Purified |
| Conjugation | Unconjugated |

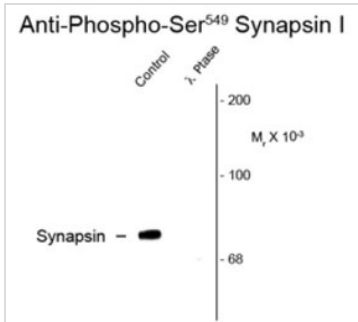
Note

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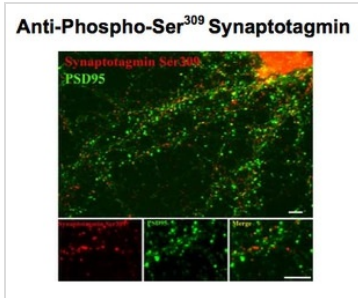
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DATA IMAGES



GTx82590 WB Image

Western blot of rat cortex lysate showing specific immunolabeling of the ~78k synapsin I phosphorylated at Ser549 (Control). Phosphospecificity is shown in the second lane (lambda-phosphatase: λ-Ptase).



GTx82590 ICC/IF Image

Immunostaining of cultured mouse caudate neurons showing synapsin I when phosphorylated at Ser549 using Synapsin (phospho Ser549) antibody (GTx82590)



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