

Synaptotagmin 1 (phospho Ser312) + Synaptotagmin 2 (phospho Ser309) antibody

Cat. No. GTX82583

| | |
|---------------------|------------|
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Applications | WB, IHC |
| Reactivity | Rat |

Package

100 µl

Applications

Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | Assay dependent |
| IHC | Assay dependent |

Not tested in other applications.

| 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 Ser309 conjugated to KLH. |
| Purification | Affinity Purified |
| Conjugation | Unconjugated |



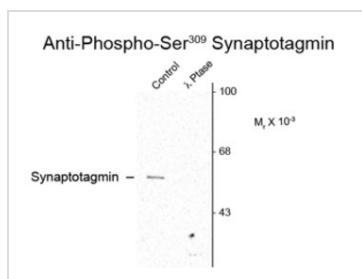
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Date 2026 / 01 / 09 Page 1 of 2

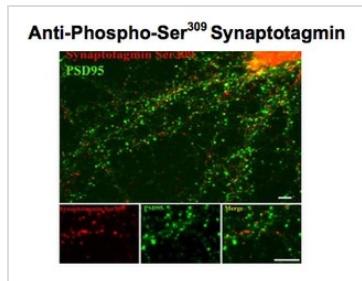
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES**GTX82583 WB Image**

Western blot of rat cortex lysate showing specific immunolabeling of the ~62k synaptotagmin phosphorylated at Ser309 (Control). Phosphospecificity is shown in the second lane (lambdaphosphatase: λ-Ptase).

**GTX82583 IHC Image**

Immunostaining of 14 DIV rat cortical neurons showing synaptotagmin when phosphorylated at Ser309 in red and PSD95 in green using Synaptotagmin 1 (phospho Ser312) + Synaptotagmin 2 (phospho Ser309) antibody (GTX82583).



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Date 2026 / 01 / 09 Page 2 of 2