

## 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

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## Note

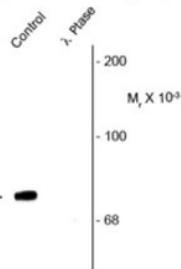
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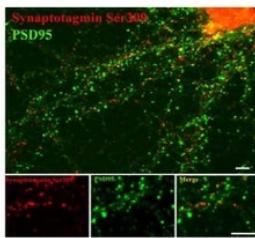
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## DATA IMAGES

Anti-Phospho-Ser<sup>549</sup> Synapsin I

## 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:  $\lambda$ -Ptase).

Anti-Phospho-Ser<sup>309</sup> Synaptotagmin

## 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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