

- Rabbit Anti-phospho-SYN1(Ser553) Polyclonal Antibody**

Primary Antibodies

Background:

Synapsin I is a member of the synapsin family. Synapsins are neuronal phosphoproteins which associate with the cytoplasmic surface of synaptic vesicles. Family members are characterized by common protein domains, and they are implicated in synaptogenesis and the modulation of neurotransmitter release, suggesting a potential role in several neuropsychiatric diseases. This member of the synapsin family plays a role in regulation of axonogenesis and synaptogenesis. The protein serves as a substrate for several different protein kinases and phosphorylation may function in the regulation of this protein in the nerve terminal. Mutations of the Synapsin I gene may be associated with X linked disorders with primary neuronal degeneration such as Rett syndrome.

Source/Purification:

KLH conjugated Synthesised phosphopeptide derived from human Synapsin I around the phosphorylation site of Ser553. Was purified by Protein A and peptide affinity chromatography.

Modification Site:

Ser553

Storage: Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year.

Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

Size: 100ul or 100ug lyophilized

Concentration: 1ug/ul

Host: Rabbit

Reactivities:

Human, Mouse, Rat, Dog, Pig, Rabbit,

Application:

- WB(1:100-500)
- ELISA(1:500-1000)
- IP(1:20-100)
- IHC-P(1:100-500)
- IHC-F(1:100-500)
- IF(1:100-500)
- Not yet tested in other applications.
Optimal working dilutions must be determined by the end user.

Antibody Type: Polyclonal

Isotype: IgG

Molecular Weight: 78kDa

Preservatives:

10ug/uL BSA and 0.1% NaN₃.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.