

Phospho-Synapsin I (Ser553) (18X18) Rabbit Monoclonal Antibody
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Catalog # AP93766**Specification**

Phospho-Synapsin I (Ser553) (18X18) Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	P17600 , O88935 , P09951
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal

Phospho-Synapsin I (Ser553) (18X18) Rabbit Monoclonal Antibody - Additional Information**Dilution**

WB~~1:1000

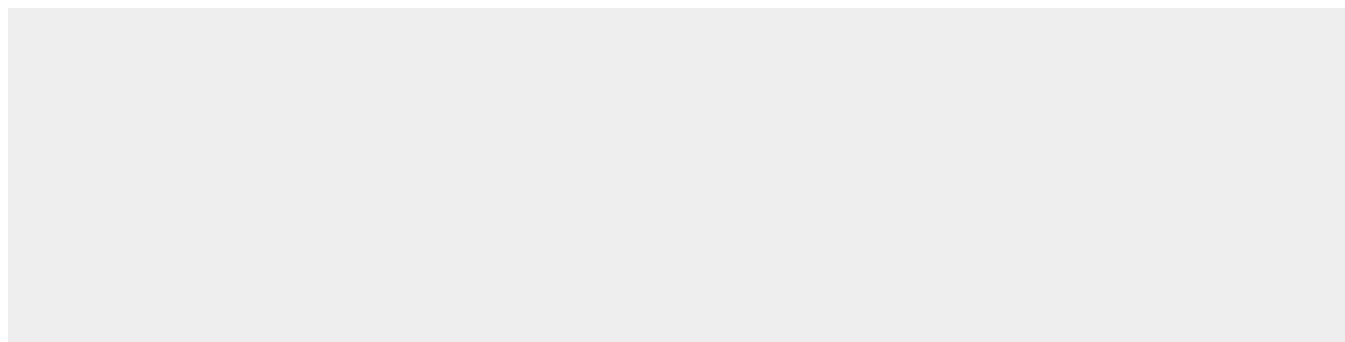
Storage Conditions

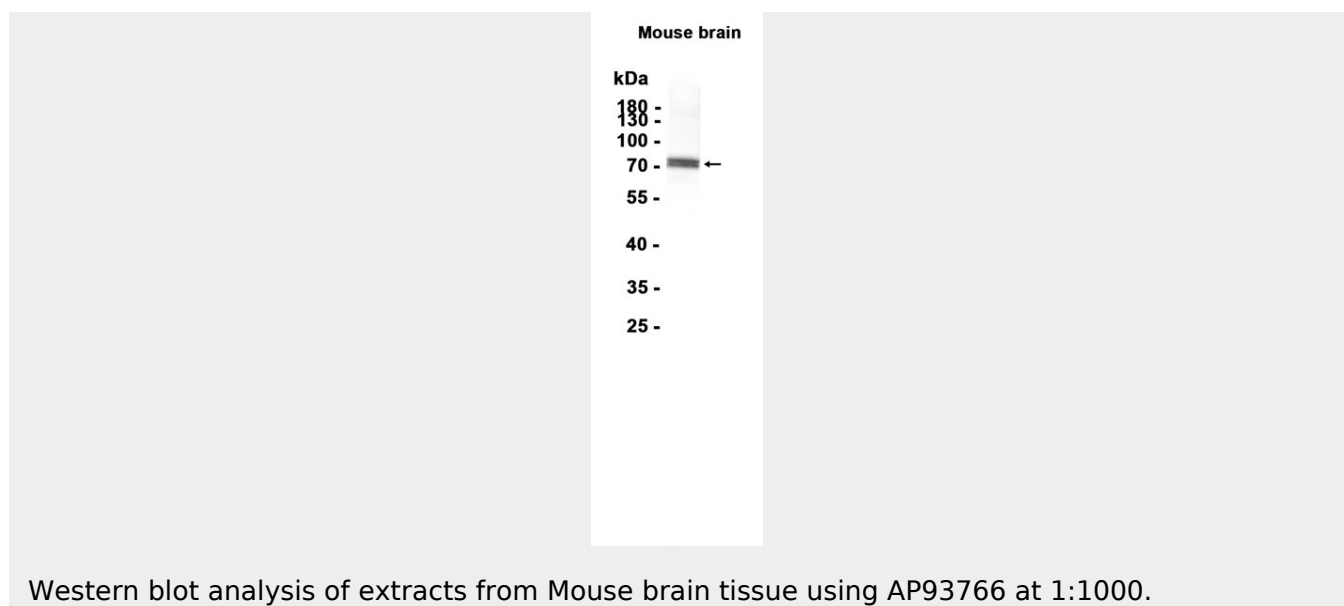
-20°C

Phospho-Synapsin I (Ser553) (18X18) Rabbit Monoclonal Antibody - Protein Information**Phospho-Synapsin I (Ser553) (18X18) Rabbit Monoclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Phospho-Synapsin I (Ser553) (18X18) Rabbit Monoclonal Antibody - Images



Phospho-Synapsin I (Ser553) (18X18) Rabbit Monoclonal Antibody - Background

This gene is a member of the synapsin gene family. Synapsins encode 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 encoded serves as a substrate for several different protein kinases and phosphorylation may function in the regulation of this protein in the nerve terminal. Mutations in this gene may be associated with X-linked disorders with primary neuronal degeneration such as Rett syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]