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Synapsin I (12T1) Rabbit Monoclonal Antibody
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Catalog # AP93765

Specification

Synapsin I (12T1) Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC, IF, FC, ICC, IP
Primary Accession	P17600, O88935, P09951
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal

Synapsin I (12T1) Rabbit Monoclonal Antibody - Additional Information

Dilution
WB~~1:1000
IHC~~1:100~500
IF~~1:50~200
FC~~1:10~50
ICC~~N/A
IP~~N/A

Storage Conditions
-20℃

Synapsin I (12T1) Rabbit Monoclonal Antibody - Protein Information

Synapsin I (12T1) 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 Cytomety
- Cell Culture

Synapsin I (12T1) Rabbit Monoclonal Antibody - Images

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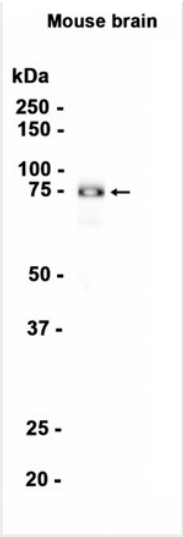

Western blot analysis of extracts from Mouse brain tissue using AP93765 at 1:1000.

Synapsin I (12T1) 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]