

Product Name: Phospho-Synapsin I (Ser553) Rabbit Monoclonal Antibody
Catalog #: AMRe87651

Summary

Production Name	Phospho-Synapsin I (Ser553) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	Phospho-Synapsin I (Ser553)
Alternative Names	SYNI; SYN1a; SYN1b
Gene ID	6853, 20964, 24949
SwissProt ID	P17600, O88935, P09951.

Application

Dilution Ratio	WB: 1:2000-1:20000
Molecular Weight	Calculated MW:74 kDa; Observed MW:77 kDa

Background

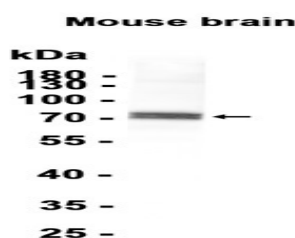
**Product Name: Phospho-Synapsin I (Ser553) Rabbit
Monoclonal Antibody
Catalog #: AMRe87651**



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]

Research Area

Image Data



Western blot analysis of extracts from Mouse brain tissue using AMRe87651 at 1:1000.

Note

For research use only.