
Product Name: Phospho-Synapsin I (Ser9) Rabbit Monoclonal Antibody**Catalog #: AMRe84833**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 74 kDa; Observed MW: 77 kDa

Antigen Information

Gene Name	Phospho-Synapsin I (Ser9)
Alternative Names	SYN1; Synapsin-1; Brain protein 4.1; Synapsin I
Gene ID	6853.0
SwissProt ID	P17600
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser9 of human Synapsin I

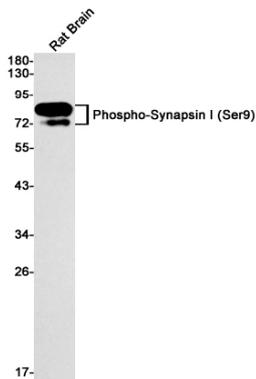
Background

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

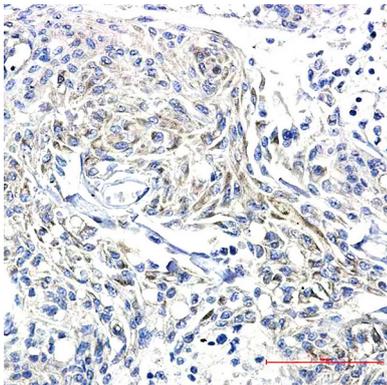
implicated in synaptogenesis and the modulation of neurotransmitter release, suggesting a potential role in several neuropsychiatric diseases.

Research Area

Image Data



Western blot analysis of Phospho-Synapsin I (Ser9) in rat Brain lysates using Phospho-Synapsin I (Ser9) antibody.



Immunohistochemistry analysis of paraffin-embedded Human Brain using Synapsin I (Phospho- S9) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.