

**Product Name: Phospho-Synapsin I (Ser9) Rabbit
Polyclonal Antibody
Catalog #: APRab00697**

Summary

Production Name	Phospho-Synapsin I (Ser9) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	SYN1
Alternative Names	SYN1; Synapsin-1; Brain protein 4.1; Synapsin I
Gene ID	6853
SwissProt ID	P17600

Application

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

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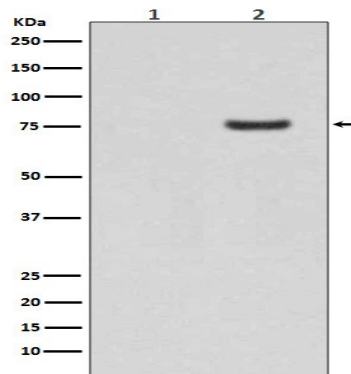
Background

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

Neuroscience

Image Data



Western blot analysis of Phospho-Synapsin I (S9) in (1) Human brain lysates; (2) Human brain lysates treated with AP using Phospho-Synapsin I (Ser9) antibody.

Note

For research use only.