

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## PHOSPHO-SYNAPSIN I (SER9) RABBIT PAB

Cat.#: N225683

Product Name: Anti-Phospho-Synapsin I (Ser9) Rabbit pAb Synonyms: SYN1; Synapsin-1; Brain protein 4.1; Synapsin I **UNIPROT ID:** P17600 **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. Immunogen: A synthesized peptide derived from human Phospho-Synapsin I (S9) Applications: WB,IHC-P **Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 Host Species: Rabbit Clonality: Rabbit Polyclonal Clone ID: -

MW: Calculated MW: 74 kDa; Observed MW: 77 kDa

Isotype: IgG

Purification: Affinity Chromatography

Species Reactivity: Human, Mouse, Rat

Conjugation: Unconjugated

**Modification:** Phosphorylated

**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

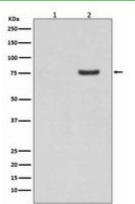
**Research Areas:** Neuroscience

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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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.