

**产品名称:** Phospho-Synapsin I (Ser9) Rabbit Polyclonal Antibody  
**产品货号:** APRab00697



## 产品概述 (Summary)

|                        |                                                      |
|------------------------|------------------------------------------------------|
| 产品名称 (Production Name) | Phospho-Synapsin I (Ser9) Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody                           |
| 宿主 (Host)              | Rabbit                                               |
| 应用 (Application)       | WB,IHC                                               |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                                      |

## 产品性能 (Performance)

|                     |                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                       |
| 修饰 (Modification)   | Phosphorylated                                                                                     |
| 同种型 (Isotype)       | IgG                                                                                                |
| 克隆 (Clonality)      | Polyclonal                                                                                         |
| 形式 (Form)           | Liquid                                                                                             |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.           |
| 储存溶液 (Buffer)       | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| 纯化方式 (Purification) | Affinity Chromatography                                                                            |

## 免疫原信息 (Immunogen)

|                        |                                                 |
|------------------------|-------------------------------------------------|
| 基因名 (Gene Name)        | SYN1                                            |
| 别名 (Alternative Names) | SYN1; Synapsin-1; Brain protein 4.1; Synapsin I |
| 基因 ID (Gene ID)        | 6853                                            |
| 蛋白 ID (SwissProt ID)   | P17600.                                         |

## 产品应用 (Application)

|                          |                                            |
|--------------------------|--------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IHC 1:50-1:100             |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 74 kDa; Observed MW: 77 kDa |

## 研究背景 (Background)

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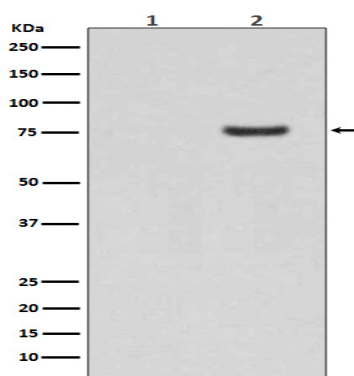


This gene is a member of the synapsin gene family. Synapsins encode neuronal phosphoproteins which associate with the cytoplasmic surface of synaptic vesicles. Family members are characterized by common protein domains, and they are implicated in synaptogenesis and the modulation of neurotransmitter release, suggesting a potential role in several neuropsychiatric diseases.

## 研究领域 (Research Area)

Neuroscience

## 图片 (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.

## 注意事项 (Note)

For research use only .