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# Phospho-Synapsin I (S9) Rabbit mAb

货号: **AYM29624**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200
理论分子量	70kDa/74kDa
实测分子量	77kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	mouse heart,rat brain
细胞定位	Cell junction,Golgi apparatus,synapse
纯化	Affinity purification

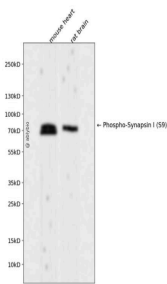
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-Synapsin I (S9).
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## 靶点信息

研究背景	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.
基因ID	6853
基因名	SYN1
Swiss	P17600 ( <a href="https://www.uniprot.org/uniprotkb/P17600/entry">https://www.uniprot.org/uniprotkb/P17600/entry</a> )
别名	Phospho-Synapsin I (S9), Phospho-Synapsin I (S9) Rabbit mAb, SYN1, Brain protein 4.1, Synapsin I

## 产品验证



Western blot analysis of Phospho-Synapsin I (S9) expressed in mouse heart, rat brain using Phospho-Synapsin I (S9) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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