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# Phospho-Synapsin I (S9) Rabbit mAb

**货号: AYM29624**

## 产品信息

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|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IHC |
| 推荐浓度 | **WB:** 1:500 - 1:2000<br>**IHC:** 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℃. Avoid freeze / thaw cycles.<br>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 |

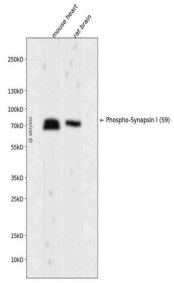
## 抗原信息

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

## 靶点信息

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|---|---|
| 研究背景 | This gene is a member of the synapsin gene family. Synapsins encode neuronal phosphoproteins which a ssociate 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 relea se, 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 t he nerve terminal. Mutations in this gene may be associated with X-linked disorders with primary neuron al degeneration such as Rett syndrome. Alternatively spliced transcript variants encoding different isofor ms have been identified. |
| 基因ID | 6853 |
| 基因名 | SYN1 |
| Swiss | P17600 (https://www.uniprot.org/uniprotkb/P17600/entry) |
| 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-Syna psin I (S9) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysate s/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Expo sure time: 120s.

## 实验步骤

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