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Phospho-SYN1-S9 Rabbit pAb

货号: AYP15242

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	**WB:** 1:500 - 1:2000 **IF/ICC:** 1:100 - 1:200
理论分子量	70kDa/74kDa
实测分子量	74kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse brain
细胞定位	Cell junction,Golgi apparatus,synapse
纯化	Affinity purification

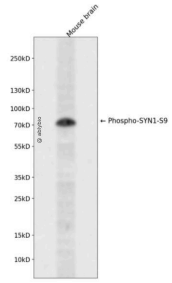
抗原信息

抗原信息	A synthetic phosphorylated peptide around S9 of human SYN1 (NP_008881.2).

靶点信息

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	SYN1,SYN1a,SYN1b,SYNI,Phospho-SYN1-S9 Rabbit pAb,Brain protein 4.1,Synapsin I

产品验证



Western blot analysis of Phospho-SYN1-S9 expressed in Mouse brain using Phospho-SYN1-S9 Rabbit pAb a t 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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