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# SYT4 Rabbit pAb

货号: **AYP25332**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	46kDa/47kDa
实测分子量	48kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	SH-SY5Y,NIH/3T3,Mouse brain,Mouse spinal cord,Mouse eye,Rat brain
细胞定位	Cytoplasmic vesicle,Single-pass membrane protein,secretory vesicle,synaptic vesicle membrane
纯化	Affinity purification

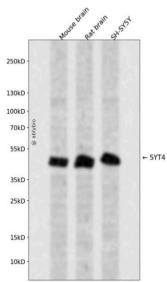
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 38-190 of human SYT4 (NP_065834.1).
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## 靶点信息

研究背景	Synaptotagmin family member which does not bind Ca <sup>2+</sup> (By similarity. Involved in neuronal dense core vesicles (DCVs) mobility through its interaction with KIF1A. Upon increased neuronal activity, phosphorylation by MAPK8/JNK1 destabilizes the interaction with KIF1A and captures DCVs to synapses (By similarity. Plays a role in dendrite formation by melanocytes.
基因ID	6860
基因名	SYT4
Swiss	Q9H2B2 ( <a href="https://www.uniprot.org/uniprotkb/Q9H2B2/entry">https://www.uniprot.org/uniprotkb/Q9H2B2/entry</a> )
别名	SYT4,HsT1192,SYT4 Rabbit pAb,Synaptotagmin IV,KIAA1342

## 产品验证



Western blot analysis of SYT4 expressed in Mouse brain,Rat brain,SH-SY5Y using SYT4 Rabbit pAb at 1:10 00. 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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