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# Phospho-GluR2/GRIA2-S880 Rabbit pAb

**货号: AYP15137**

## 产品信息

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|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | WB |
| 推荐浓度 | **WB:** 1:500 - 1:2000 |
| 理论分子量 | 93kDa/98kDa/100kDa |
| 实测分子量 | 120kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | Mouse brain |
| 细胞定位 | Cell junction,Cell membrane,Endoplasmic reticulum membrane,Multi-pass membrane protein,postsynaptic cell membrane,synapse |
| 纯化 | Affinity purification |

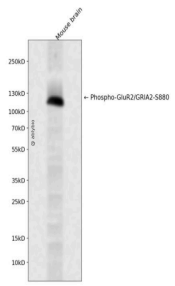
## 抗原信息

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|---|---|
| 抗原信息 | A phospho specific peptide corresponding to residues surrounding S880 of human GluR2/GRIA2 |

## 靶点信息

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| 研究背景 | Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to a family of glutamate receptors that are sensitive to alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate (AMPA), and function as ligand-activated cation channels. These channels are assembled from 4 related subunits, GRIA1-4. The subunit encoded by this gene (GRIA2) is subject to RNA editing (CAG->CGG; Q->R) within the second transmembrane domain, which is thought to render the channel impermeable to Ca(2+). Human and animal studies suggest that pre-mRNA editing is essential for brain function, and defective GRIA2 RNA editing at the Q/R site may be relevant to amyotrophic lateral sclerosis (ALS) etiology. Alternative splicing, resulting in transcript variants encoding different isoforms, (including the flip and flop isoforms that vary in their signal transduction properties), has been noted for this gene. |
| 基因ID | 2891 |
| 基因名 | GRIA2 |
| Swiss | P42262 (https://www.uniprot.org/uniprotkb/P42262/entry) |
| 别名 | GRIA2,GLUR2,GLURB,GluA2,GluR-K2,HBGR2,Phospho-GluR2/GRIA2-S880 Rabbit pAb,AMPA-selective glutamate receptor 2,GluR-B,Glutamate receptor ionotropic,AMPA 2 |

## 产品验证




Western blot analysis of Phospho-GluR2/GRIA2-S880 expressed in Mouse brain using Phospho-GluR2/GRIA2-S880 Rabbit pAb 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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