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GluR2 (Phospho-Ser880) Antibody

货号: AYP4300

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ELISA
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200
理论分子量	93kDa/98kDa/100kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,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

抗原信息	Synthesized peptide derived from Human GluR2 (Phospho-Ser880).

靶点信息

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,GluR2 (Phospho-Ser880) Antibody,AMPA-selective glutamate receptor 2,GluR-B,Glutamate receptor ionotropic,AMPA 2,GluR2 (Phospho-Ser880)

产品验证

实验步骤

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