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Ionotropic Glutamate receptor 2 (YD13131) Rabbit mAb

货号: AYD12525

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P IP
推荐浓度	
理论分子量	99kDa
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 membrane, Postsynaptic cell membrane, Postsynaptic density membrane
纯化	亲和纯化

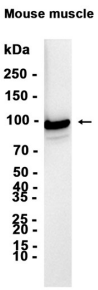
抗原信息

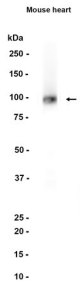
抗原信息	

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	Ionotropic Glutamate receptor 2 (YD13131),Ionotropic Glutamate receptor 2 (YD13131) Rabbit mAb,GRIA2,AMPA-selective glutamate receptor 2,GluR-B,GluR-K2,Glutamate receptor ionotropic,AMPA 2,GluA2,GLUR2

产品验证





实验步骤

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