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GluN2C (YD33474) Rabbit mAb

货号: AYD13139

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	
理论分子量	135kDa
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	
细胞定位	Cell membrane, Postsynaptic cell membrane
纯化	亲和纯化

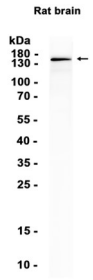
抗原信息

抗原信息	

靶点信息

研究背景	Component of N-methyl-D-aspartate (NMDA) receptors (NMDARs) that function as heterotetrameric, ligand-gated cation channels with high calcium permeability and voltage-dependent block by Mg(2+) (PubMed:1377365). Participates in synaptic plasticity for learning and memory formation by contributing to the slow phase of excitatory postsynaptic current and long-term synaptic potentiation (PubMed:8987814). Channel activation requires binding of the neurotransmitter L-glutamate to the GluN2 subunit, glycine or D-serine binding to the GluN1 subunit, plus membrane depolarization to eliminate channel inhibition by Mg(2+) (PubMed:1377365, PubMed:7790891). NMDARs mediate simultaneously the potassium efflux and the influx of calcium and sodium (By similarity). Each GluN2 subunit confers differential attributes to channel properties, including activation, deactivation and desensitization kinetics, pH sensitivity, Ca2(+) permeability, and binding to allosteric modulators (PubMed:1377365). Plays a role in regulating the balance between excitatory and inhibitory activity of pyramidal neurons in the prefrontal cortex (PubMed:27922130)
基因ID	3134
基因名	Grin2c
Swiss	Q01098 (https://www.uniprot.org/uniprotkb/Q01098/entry)
别名	GluN2C (YD33474),GluN2C (YD33474) Rabbit mAb,Grin2c,Glutamate [NMDA] receptor subunit epsilon-3, N-methyl D-aspartate receptor subtype 2C

产品验证



实验步骤

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