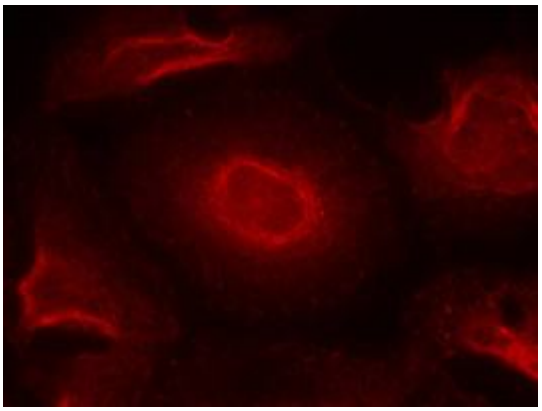
NMDAR2B RABBIT PAB

货号: N225335
产品全名: NMDAR2B 兔多抗
基因符号 glutamate receptor; ionotropic; N-methyl D-aspartate 2B; MRD6; NR2B; hNR3; GluN2B; NMDAR2B
UNIPROT ID: Q13224
背景: Component of NMDA receptor complexes that function as heterotetrameric, ligand-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Channel activation requires binding of the neurotransmitter glutamate to the epsilon subunit, glycine binding to the zeta subunit, plus membrane depolarization to eliminate channel inhibition by Mg2+ (PubMed:8768735, PubMed:26919761, PubMed:26875626, PubMed:28126851). Sensitivity to glutamate and channel kinetics depend on the subunit composition (PubMed:8768735, PubMed:26875626). In concert with DAPK1 at extrasynaptic sites, acts as a central mediator for stroke damage. Its phosphorylation at Ser-1303 by DAPK1 enhances synaptic NMDA receptor channel activity inducing injurious Ca2+ influx through them, resulting in an irreversible neuronal death. Contributes to neural pattern formation in the developing brain. Plays a role in long-term depression (LTD) of hippocampus membrane currents and in synaptic plasticity (By similarity).
抗原: Synthetic peptide of human GRIN2B
经过测试的应用: ICC/IF
推荐稀释比: ICC: 1/100-1/200
种属反应性: Rabbit
克隆性： Rabbit Polyclonal
分子量: -
亚型: IgG
纯化: Affinity Purified
种属反应性: Human, Mouse and Rat
成分: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
研究领域: Neuroscience
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Immunofluorescence analysis of NMDAR2B (red) in Hela cells using NMDAR2B antibody.