

NMDAR2A (2F18) Rabbit Monoclonal Antibody

Catalog# UZ-MA03174

Product information

产品货号	UZ-MA03174
别名	NR2A; GluN2A; NMDAR2A
产品名称	NMDAR2A (2F18) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB
反应种属	Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	Recombinant protein of mouse NMDAR2A
稀释度	WB 1:1000
参考分子量	165kDa
预测分子量	165kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	Component of NMDA receptor complexes that function as heterotetrameric, ligand-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium (PubMed:1374164). 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 Mg ²⁺ . Sensitivity to glutamate and channel kinetics depend on the subunit composition; channels containing GRIN1 and GRIN2A have higher sensitivity to glutamate and faster kinetics than channels formed by GRIN1 and GRIN2B (By similarity). Contributes to the slow phase of excitatory postsynaptic current, long-term synaptic potentiation, and learning (PubMed:7816096, PubMed:8987814).
纯化	Affinity Purification
Uniprot ID	P35436
Clonality	Monoclonal