

bs-3304R**[Primary Antibody]****phospho-NMDAR2A (Tyr1246) Rabbit pAb****BioSS**
ANTIBODIES

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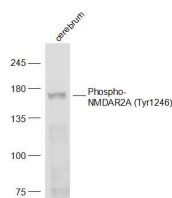
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 2903 Target: NMDAR2A (Tyr1246) Immunogen: KLH conjugated Synthesised phosphopeptide derived from human NMDAR2A around the phosphorylation site of Tyr1246: NL(p-Y)DI. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate-gated ion channels. These receptors have been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of the key receptor subunit NMDAR1 (GRIN1) and 1 or more of the 4 NMDAR2 subunits: NMDAR2A (GRIN2A), NMDAR2B (GRIN2B), NMDAR2C (GRIN2C) and NMDAR2D (GRIN2D). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]	Isotype: IgG SWISS: Q12879	Applications: WB (1:500-2000) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse) Predicted MW.: 164 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

Sample: Cerebrum(Mouse) Cell Lysate at 40 ug
 Primary: Anti-Phospho-NMDAR2A (Tyr1246)
 (bs-3304R) at 1/300 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 164 kD Observed
 band size: 164 kD

— SELECTED CITATIONS —

- **[IF=3.171]** Jian-Zhu Bo. et al. D-serine reduces memory impairment and neuronal damage induced by chronic lead exposure. Neural Regen Res. 2021 May;16(5):836 IHC ;Rat. 33229717