

bs-3302R**[Primary Antibody]****phospho-NMDAR1 (Ser896) Rabbit pAb****BioSS**
ANTIBODIES

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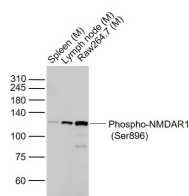
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— DATASHEET —

| | | |
|---|----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) |
| Clonality: Polyclonal | | Reactivity: Human, Mouse (predicted: Rat, Cow, Chicken, Dog) |
| GeneID: 2902 | SWISS: Q05586 | Predicted MW.: 103 kDa |
| Target: NMDAR1 (Ser896) | | Subcellular Location: Cell membrane |
| Immunogen: KLH conjugated Synthesised phosphopeptide derived from human NMDAR1 around the phosphorylation site of Ser896: RR(p-S)SK. < Cytoplasmic > | | |
| 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: The protein encoded by this gene is a critical subunit of N-methyl-D-aspartate receptors, members of the glutamate receptor channel superfamily which are heteromeric protein complexes with multiple subunits arranged to form a ligand-gated ion channel. These subunits play a key role in the plasticity of synapses, which is believed to underlie memory and learning. Cell-specific factors are thought to control expression of different isoforms, possibly contributing to the functional diversity of the subunits. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008] | | |

— VALIDATION IMAGES —

Sample: Lane 1: Spleen (Mouse) Lysate at 40 ug

Lane 2: Lymph node (Mouse) Lysate at 40 ug

Lane 3: Raw264 (Mouse) Cell Lysate at 30 ug

Primary: Anti-Phospho-NMDAR1 (Ser896)

(bs-3302R) at 1/1000 dilution Secondary:

IRDye800CW Goat Anti-Rabbit IgG at 1/20000

dilution Predicted band size: 135/118 kD

Observed band size: 118 kD

— SELECTED CITATIONS —

- **[IF=6.208]** Jiro Hasegawa Situmorang. et al. Ovariectomy Exacerbates Acute Ethanol-Induced Tachycardia: Role of Nitric Oxide and NMDA Receptors in the Rostral Ventrolateral Medulla. INT J MOL SCI. 2023 Jan;24(6):5087 IHC ;Rat. 36982161