## bs-8567R

## [ Primary Antibody ]

## Phospho-NMDAR2A + 2B (Tyr1246 + Tyr1252) Rabbit pAb



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- DATASHEET		400-901-9800
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		
GenelD: 2903	<b>SWISS:</b> Q12879	
Target: Phospho-NMDAR2A + 2B (Tyr1246 + Tyr1252)		
Immunogen: KLH conjugated sy NMDAR2A around t	nthesised phosphopeptide derived from human the phosphorylation site of Tyr1246: NL(p-Y)DI.	
Purification: affinity purified by Protein A		Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse) Predicted MW.: 163 kDa
Concentration: 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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]		Subcellular Cell membrane

## - VALIDATION IMAGES -



Sample: Cerebrum (Mouse) Lysate at 40 ug Primary: Anti-Phospho-NMDAR2A + 2B (Tyr1246 + Tyr1252) (bs-8567R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 163 kD Observed band size: 163 kD