

bs-5380R**[Primary Antibody]****phospho-NMDAR2B (Tyr1252) Rabbit pAb****BioSS**
ANTIBODIES

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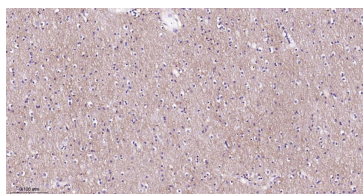
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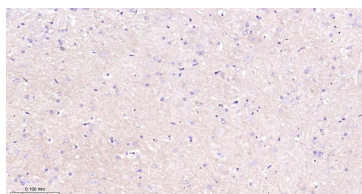
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— DATASHEET —

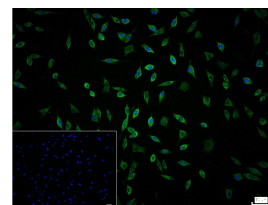
Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 2904	SWISS: Q13224	IF (1:100-500)
Target: NMDAR2B (Tyr1252)		ICC/IF (1:50-200)
Immunogen: KLH conjugated synthesised phosphopeptide derived from human NMDAR2B around the phosphorylation site of Tyr1252: NL(p-Y)DI.		Reactivity: Human, Mouse, Rat
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 164 kDa
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.		Subcellular Location: Cell membrane
Background: N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA receptor channel has 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 three different subunits: NR1 (GRIN1), NR2 (GRIN2A, GRIN2B, GRIN2C, or GRIN2D) and NR3 (GRIN3A or GRIN3B). The NR2 subunit acts as the agonist binding site for glutamate. This receptor is the predominant excitatory neurotransmitter receptor in the mammalian brain. [provided by RefSeq, Jul 2008].		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Phospho-NMDAR2B (Tyr1252) Polyclonal Antibody, Unconjugated (bs-5380R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Phospho-NMDAR2B (Tyr1252) Polyclonal Antibody, Unconjugated (bs-5380R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



4% Paraformaldehyde-fixed SH-SY5Y (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (Phospho-NMDAR2B (Tyr1252)) polyclonal Antibody, unconjugated (bs-5380R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-40295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.