BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Phospho-NMDAR2B/GRIN2B (S1303) Antibody

Catalog Number: P01883-6

About GRIN2B

The N-methyl-D-aspartate receptor 2B (NMDAR2B), also names as GRIN2B. The sequence of the predicted 1,484-amino acid human protein is 98% and 96% identical to the sequences of the rat and mouse Nmdar2b proteins, respectively. Nmdar2B gene is located on mouse chromosome 6 between Rho and Ly49 centromerically and Glb telomerically. Mapping of the human NMDAR2B receptor subunit gene (GRIN2B) to chromosome 12p12 overexpression of NMDA receptor 2B (NR2B) in the forebrains of transgenic mice leads to enhanced activation of NMDA receptors, facilitating synaptic potentiation in response to stimulation at 10-100 Hz.

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Overview

Product Name	Anti-Phospho-NMDAR2B/GRIN2B (S1303) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-NMDAR2B/GRIN2B (S1303) Antibody catalog # P01883-6. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt□-20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q13224

Technical Details

Immunogen	A synthesized peptide derived from human NMDAR2B around the phosphorylation site of Ser1303.

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Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200

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For Research Use Only. Not for use in diagnostic procedures.