Product datasheet

Anti-NMDAR2B/GRIN2B Antibody

Catalog Number: *BA0614-2*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-NMDAR2B/GRIN2B Antibody
Gene Name	GRIN2B
Source	Rabbit
Isotype	IgG
Species Reactivity	mouse, rat
Tested Application	WB
Contents	500 ug/ml antibody with PBS， 0.02% NaN3 , 1 mg BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human NMDAR2B(1131-1146aa, DFYLDQFRTKENSPHW), identical to the related mouse and rat sequence.
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	166KD
Dilution Ratios	Western blot(WB):1:500-2000

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

The N-methyl-D-aspartate receptor 2B, 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.

Reference

Anti-NMDAR2B/GRIN2B Antibody被引用在1文献中。

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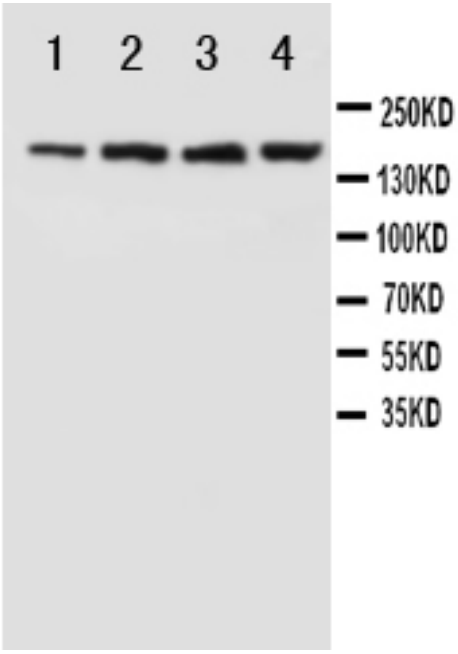
Selected Validation Data



Lane 1: Rat Brain Tissue LysateLane 2: Rat Brain Tissue LysateLane 3: Mouse Brain Tissue LysateLane 4: Mouse Brain Tissue Lysate