



Rabbit Anti-phospho-NMDAR2B (Tyr1472) antibody

SL19293R

Product Name:	phospho-NMDAR2B (Tyr1472)
Chinese Name:	磷酸化谷氨酸受体2B抗体
Alias:	NMDAR2B (phospho Y1472); p-NMDAR2B (phospho Y1472); AW490526; Glutamate [NMDA] receptor subunit epsilon 2; Glutamate [NMDA] receptor subunit epsilon-2; Glutamate Receptor Ionotropic N Methyl D Aspartate 2B; Glutamate Receptor Ionotropic N Methyl D Aspartate subunit 2B; Glutamate receptor ionotropic NMDA2B; Glutamate receptor subunit epsilon 2; Glutamate receptor, ionotropic, NMDA2B (epsilon 2); GRIN 2B; GRIN2B; hNR 3; hNR3; MGC142178; MGC142180; N methyl D aspartate receptor channel subunit epsilon 2; N methyl D aspartate receptor subtype 2B; N methyl D aspartate receptor subunit 2B; N methyl D aspartate receptor subunit 3; N-methyl D-aspartate receptor subtype 2B; N-methyl-D-aspartate receptor subunit 3; NMDA NR2B; NMDA R2B; Nmdar2b; NMDE2; NMDE2_HUMAN; NME2; NR2B; NR3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	180kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated Synthesised phosphopeptide derived from Rat NMDAR2B around the phosphorylation site of Tyr1472:HV(p-Y)EK
Lsotype:	IgG

Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>subunit of the NMDA receptor glutamate gated ion channel; displays voltage dependent sensitivity to magnesium, calcium permeability, and glycine regulated activity; may facilitate learning and long term potentiation [RGD, Feb 2006]</p> <p>Function: NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine.</p> <p>Subcellular Location: Cell membrane. Cell junction, synapse, postsynaptic cell membrane.</p> <p>Tissue Specificity: Primarily found in the fronto-parieto-temporal cortex and hippocampus pyramidal cells, lower expression in the basal ganglia.</p> <p>Similarity: Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. NR2B/GRIN2B subfamily.</p> <p>SWISS: Q00960</p> <p>Gene ID: 24410</p> <p>Database links:</p> <p>Entrez Gene: 2904Human Entrez Gene: 14812Mouse Entrez Gene: 24410Rat Oimim: 138252Human SwissProt: Q13224Human SwissProt: Q01097Mouse SwissProt: Q00960Rat</p>

[Unigene: 654430](#)Human

[Unigene: 436649](#)Mouse

[Unigene: 9711](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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