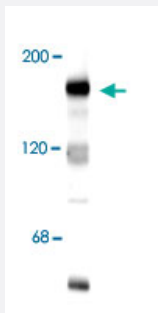


Grin2b polyclonal antibody

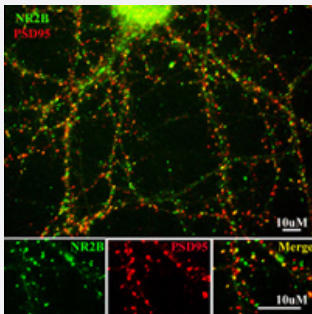
Catalog # PAB9636 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot of 10 ug of rat hippocampal lysate showing specific immunolabeling of the ~180k Grin2b subunit of the NMDA receptor. Using Grin2b polyclonal antibody (Cat # PAB9636).



Immunofluorescence

Grin2b polyclonal antibody (Cat # PAB9636) and PSD-95 polyclonal antibody (Cat # PAB9623) double-label Immunostaining on 10 DIV hippocampal neurons.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Grin2b.
Immunogen	A synthetic peptide corresponding to N-terminus rat Grin2b.
Host	Rabbit
Theoretical MW (kDa)	180
Reactivity	Bovine, Chicken, Dog, Human, Mouse, Primates, Rat
Form	Liquid
Purification	Affinity purification

Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM HEPES, 150 mM NaCl, pH 7.5 (50% glycerol, 10% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

Western blot of 10 ug of rat hippocampal lysate showing specific immunolabeling of the ~180k Grin2b subunit of the NMDA receptor. Using Grin2b polyclonal antibody (Cat # PAB9636).

- Immunofluorescence

Grin2b polyclonal antibody (Cat # PAB9636) and PSD-95 polyclonal antibody (Cat # PAB9623) double-label Immunostaining on 10 DIV hippocampal neurons.

Gene Info — Grin2b

Entrez GeneID	24410
Protein Accession#	Q00960
Gene Name	Grin2b
Gene Alias	-
Gene Description	glutamate receptor, ionotropic, N-methyl D-aspartate 2B
Gene Ontology	Hyperlink
Gene Summary	ionotropic
Other Designations	glutamate receptor, ionotropic, NMDA2B

Publication Reference

- [Tyrosine dephosphorylation and ethanol inhibition of N-Methyl-D-aspartate receptor function.](#)

Alvestad RM, Grosshans DR, Coultrap SJ, Nakazawa T, Yamamoto T, Browning MD.

The Journal of Biological Chemistry 2003 Jan; 278(13):11020.

Application: IP, WB, Rat, Rat hippocampus

- [NMDA-receptor trafficking and targeting: implications for synaptic transmission and plasticity.](#)

Carroll RC, Zukin RS.

Trends in Neurosciences 2002 Nov; 25(11):571.

- [Trafficking of NMDA receptors.](#)

Wentholt RJ, Prybylowski K, Standley S, Sans N, Petralia RS.

Annual Review of Pharmacology and Toxicology 2002 Jan; 43:335.