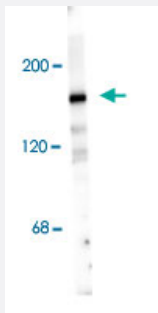


Grin2a polyclonal antibody

Catalog # PAB9635

Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot of 10 ug of rat hippocampal lysate showing specific immunolabeling of the ~180k Grin2a subunit of the NMDA receptor. Using Grin2a polyclonal antibody (Cat # PAB9635).

Specification

Product Description Rabbit polyclonal antibody raised against synthetic peptide of Grin2a.

Immunogen A synthetic peptide corresponding to N-terminus rat Grin2a.

Host Rabbit

Theoretical MW (kDa) 180

Reactivity Bovine, Dog, Mouse, 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 Grin2a subunit of the NMDA receptor. Using Grin2a polyclonal antibody (Cat # PAB9635).

Gene Info — Grin2a

Entrez GeneID [24409](#)

Protein Accession# [Q00959](#)

Gene Name Grin2a

Gene Alias NMDAR2A, NR2A

Gene Description glutamate receptor, ionotropic, N-methyl D-aspartate 2A

Gene Ontology [Hyperlink](#)

Gene Summary ionotropic

Other Designations N-methyl-D-aspartate receptor subunit 2A

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.