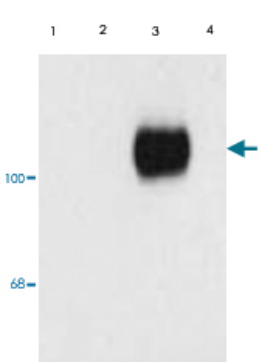
Grin1 polyclonal antibody

Catalog # PAB9706 Size 25 ug

Applications



Western Blot (Cell lysate)

Western blot of 10 ug of HEK 293 cells expressing: Lane 1 - HEK cells without Grin1 expression (Mock) ; Lane 2 - Grin1 subunit containing only the C2 Insert; Lane 3 - Grin1 subunit containing the C1 and C2' Insert; Lane 4 - Grin1 subunit containing the N1 and C2' Insert showing specific immunolabeling of the ~120k Grin1 subunit of the NMDA receptor containing the C1 splice variant insert.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Grin1.
Immunogen	A synthetic peptide corresponding to mouse and rat Grin1.
Host	Rabbit
Theoretical MW (kDa)	120
Reactivity	Bovine, Dog, Human, Mouse, Primates, Rat
Form	Lyophilized
Purification	Affinity purification
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Immunohistochemistry (Frozen sections) (1:1000-2000) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 5 mM ammonium bicarbonate

Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with PBS, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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- Western Blot (Cell lysate)

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- Immunohistochemistry (Frozen sections)

Publication Reference

- NMDA-receptor trafficking and targeting: implications for synaptic transmission and plasticity.

  Carroll RC, Zukin RS.

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

- LTP leads to rapid surface expression of NMDA but not AMPA receptors in adult rat CA1.

  Grosshans DR, Clayton DA, Coultrap SJ, Browning MD.

  Nature Neuroscience 2002 Jan; 5(1):27.

  Application : WB, Rat, Rat hippocampus

- Trafficking of NMDA receptors.

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

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