

NMDAR2A Rabbit Monoclonal Antibody



CAB19089

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

180kDa

Calculated MW:

165kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a member of the glutamate-gated ion channel protein family. The encoded protein is an N-methyl-D-aspartate (NMDA) receptor subunit. NMDA receptors are both ligand-gated and voltage-dependent, and are involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. These receptors are permeable to calcium ions, and activation results in a calcium influx into post-synaptic cells, which results in the activation of several signaling cascades. Disruption of this gene is associated with focal epilepsy and speech disorder with or without mental retardation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]

Immunogen information

Gene ID:

2903

Uniprot

Q12879

Synonyms:

EPND; FESD; GluN2A; LKS; NMDAR2A; NR2A; GRIN2A; NMDA 2A

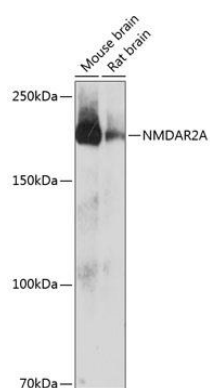
Immunogen:

A synthesized peptide derived from human NMDAR2A

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Product Images



Western blot - NMDAR2A Rabbit mAb (CAB19089)