

Legends for supplemental material

Supplementary Figure 1

Inward currents elicited by NMDA exposure in cultured mouse cortical neurons were inhibited by NMDA receptor agonists, 100 μ M MK801 (A) and 50 μ M APV (B). Alternating pulses or step pulses were applied from the holding potential of -40 mV, as done in Fig. 4A, before, but not during, stimulation with NMDA.

Supplementary Figure 2

Representative PI staining of slices taken 1 h after incubation in control or NMDA-containing ACSF with or without IAA-94 (1 mM). Pictures were taken at low (upper panels) and high (bottom panels) magnifications. Scale bars: 500 μ m and 100 μ m in upper and lower panels, respectively.