Supplementary Figure 1  LTD induced by 1 Hz (15 min) protocol is NMDAR- and PLC-dependent in young adults.

(a) LTD induced by 1 Hz, 15 min protocol in young animals is blocked by an NMDAR antagonist, 100 µM APV (97 ± 2.0% of baseline at 1 hr post-onset of 1 Hz; n = 12 slices, 5 rats; paired t-test between baseline and 1 hr post-1 Hz: P > 0.1).

(b) NMDAR-LTD in young is blocked by a specific PLC inhibitor, 10 µM U73122 (96 ± 2.5% of baseline at 1 hr post-onset of 1 Hz; n =14 slices, 5 rats; paired t-test between baseline and 1 hr post-1 Hz: P > 0.06)