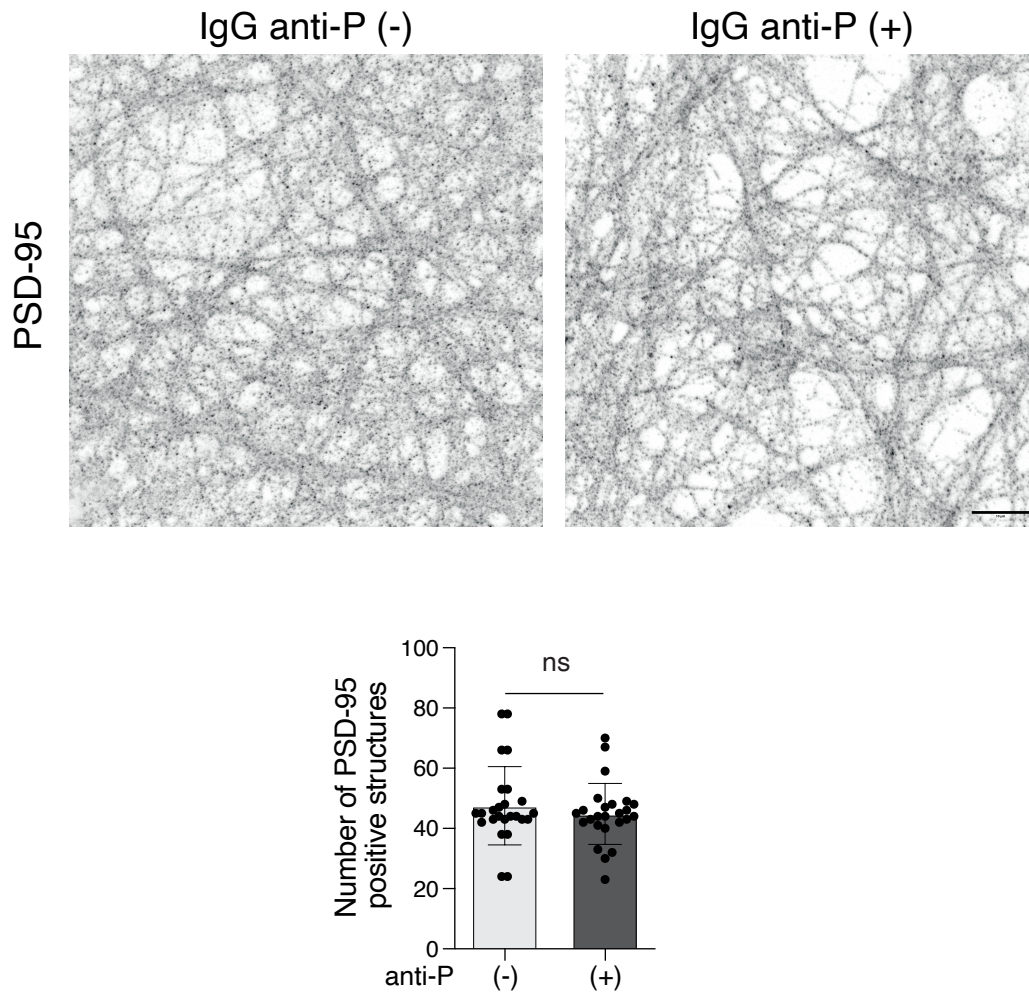




Supplementary Figure 3: The effects of anti-P antibodies on total PSD-95 protein levels in primary hippocampal culture.

Primary hippocampal neurons cultured in 12mm coverslips were treated for 1 hr with 25 μ g/ml of anti-P(+) serum or preimmune serum (anti-P(-)), then washed, fixed and stained with rabbit anti-PSD95 antibody. Images were acquired in a Leica TCS SP8 confocal microscope and 25 μ m $\times$ 20 μ m ROIs were drawn along dendrites. Particle analyzer plugin (ImageJ) was used to quantify the number of PSD-95 structures. Representative images are shown (Scale Bar =10 μ m, n = 25 ROIs from two independent experiments, unpaired t-test).