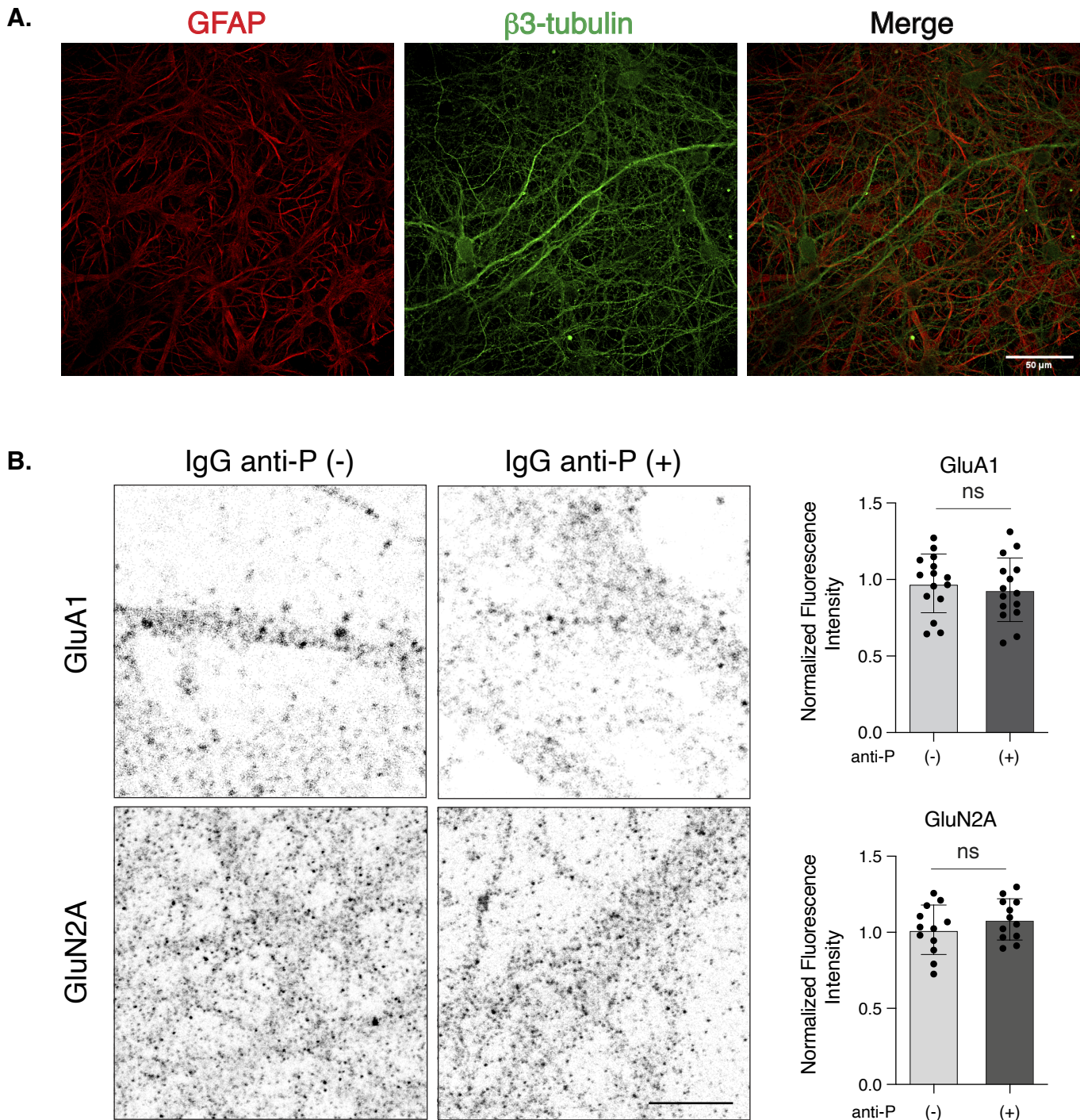




Supplementary Figure 1: Primary hippocampal culture and the effects of anti-P antibodies on total AMPA and NMDA receptor levels.

Hippocampal primary culture at 21DIV were fixed, permeabilized and immunostained for:

A. Astrocyte marker (GFAP-Red) and neuronal marker (β 3-tubulin) to depict the complex/intricate nature the preparation. B. NMDAR subunit GluN2A and AMPAR subunit GluA1 with or without treatment with anti-P antibodies for 1 hour. Total Fluorescence was quantified in 12 independent fields, no statistical differences were observed (Scale Bar 10 μ m, n=12, P value =0.5772, Unpaired t-test).