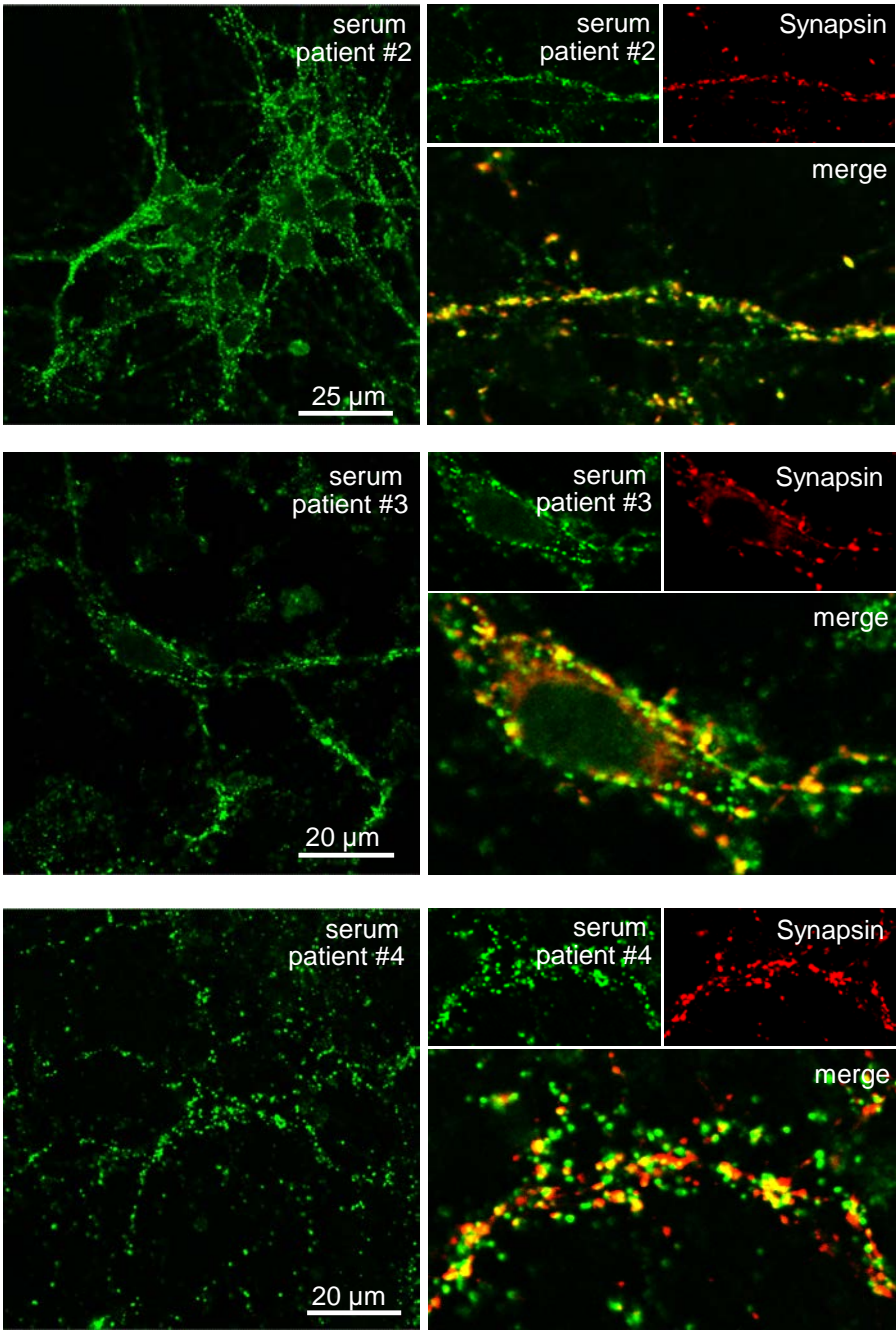


Figure e-3



Staining of cultured hippocampal neurons by anti-DPPX sera

Living cultured primary hippocampal neurons were incubated for 2 hours with sera (all at 1:100) from 3 different patients with anti-DPPX encephalitis. Staining with a FITC-labeled anti-human IgG secondary antibody demonstrated a punctuate staining pattern at the neuronal surface. IgG-positive signals showed a partial overlap with synapsin-positive spots, indicating a perisynaptic localization.