Supplementary Figure 1. Synaptic stimulation after LTP induction determines the effectiveness of protein synthesis blockade during the maintenance phase. a. When LTP was monitored continuously at 0.1 Hz application of anisomycin more than two hours after LTP induction did not impair L-LTP (see diagram for experimental timeline). b. The sensitivity of L-LTP to concurrent synaptic activation and protein synthesis inhibition shown in Figure 3c was abolished by preceding synaptic activation. When the test pulse was applied for one hour after LTP induction until the onset of anisomycin application, L-LTP disruption induced by concurrent synaptic activation and protein synthesis inhibition was prevented.