Supplementary Fig. 1: Specificity of the anti-active IGF-1R antibody: a) Double immunofluorescence micrographs showing the distribution of tyrosinated tubulin (red) and active IGF-1 receptor (green) in hippocampal pyramidal neurons after 12h in culture (a non-stimulated with IGF-1 control of figure 1). Calibration: 15 μm. b) Western blots of total polypeptides from hippocampal neurons cultured for 12 h, when indicated the cells were challenged with 10 nM IGF-1 for 2 min before harvesting, probed with the anti-active IGF-1 receptor antibody and βge antibody. Note the dramatic increase of the only band recognized by the anti-active IGF-1 receptor antibody in the neurons stimulated with IGF-1.