Suppl. Figure 4  Confocal images of multiple immunofluorescence labeling of NPCs located outside the SVZ in the hippocampus of a Tg(EGFP/nestin) mouse subjected 24 h before decapitation/slice preparation to pilocarpine (300 mg/kg, i.p.)-induced status epilepticus. The Hoechst 33342 staining of cell nuclei is color-coded by white (e). (A) EGFP-staining of nestin-positive NPCs (a) and GFAP staining of GFAP-positive astrocytes/Type 1 NPCs (b); P2X7 receptor-immunoreactivity on NPCs (c; arrows in a-c). Double staining of EGFP and P2X7 (d, f; filled head arrow); triple staining of EGFP/GFAP and P2X7 (d; open head arrow) and a higher magnification of the labelled cells (f). (B) Localization of the P2Y1 receptor on NPCs (arrows). Triple staining of EGFP/GFAP and P2Y1, in lower (d) and higher magnification (f). Scale bars for the lower magnification panels 20 µm and for the higher ones 15 µm.
Suppl. Figure 4