



SUPPLEMENTARY FIG. S2. Histological changes in mouse brain following ischemic stroke. H&E staining (**A**) showed that cells within the ischemic areas underwent nuclear pyknotic changes (**B, C**). Immunohistochemistry (**D**) showed few healthy mature neural cells, such as neurons [MAP2 (**E, F**: *green*) and DAPI (**E, F**: *blue*)] and astrocytes [GFAP (**E, G**: *green*) and DAPI (**E, G**: *blue*)] within the ischemic area, while these cells were observed within nonischemic areas. Scale bars = 100 μm (**B**) and 50 μm (**C, E**).