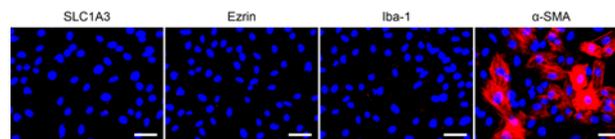


## Supplementary Materials

The rASCs were grown to 80% confluence in 24-well culture palte and fixed with 4% PFA, permeabilized with 0.25% Triton X-100for 2 min, washed with PBS, and then blocked with 2% BSA in PBS. Then the cells were separately incubated with the primary antibodies against SLC1A3, Ezrin, Iba-1 and  $\alpha$ -SMA, each diluted 1:500 over night at 4°C. They were then washed three times with PBS, followed by incubation with the fluorescent secondary antibodies (1:1000) overnight. DAPI was used to indicate the nucleus. The cells were examined under a fluorecence microscope (Olympus IX73, Tokyo, Japan).



Supplementary figure. Representative images of the expressions of SLC1A3, Ezrin, Iba-1 and  $\alpha$ -SMA in the rASCs. SLC1A3, Ezrin and Iba-1 were not expressed in rASCs, and  $\alpha$ -SMA was expressed in part of rASCs (scale bar = 50  $\mu$ m).