Supplementary Figure S1. Schematic explanation for the estimation of the possibility of cell survival. An example shows that the proportion of GFP-expressing cells on the histological sample is 75%. We set assumptions that the same number of GFP-positive and GFP-negative cells after the cell division, and that 100% of the GFP-positive cells survive until the adulthood. Under these assumptions, the survival probability ($P_{Survival}$) of GFP-negative cells is calculated to be 33%.

Supplementary Figure S2

Gel images of the immunoblot detecting CASK (left) and beta-actin (right) are shown. Cerebellar homogenates from three WT mice were loaded on the three left lanes and those from three hemizygote Cask-floxed mice (flox) were on the three right lanes. Rectangles indicate the images shown in Figure 7A.