

Fig. S7

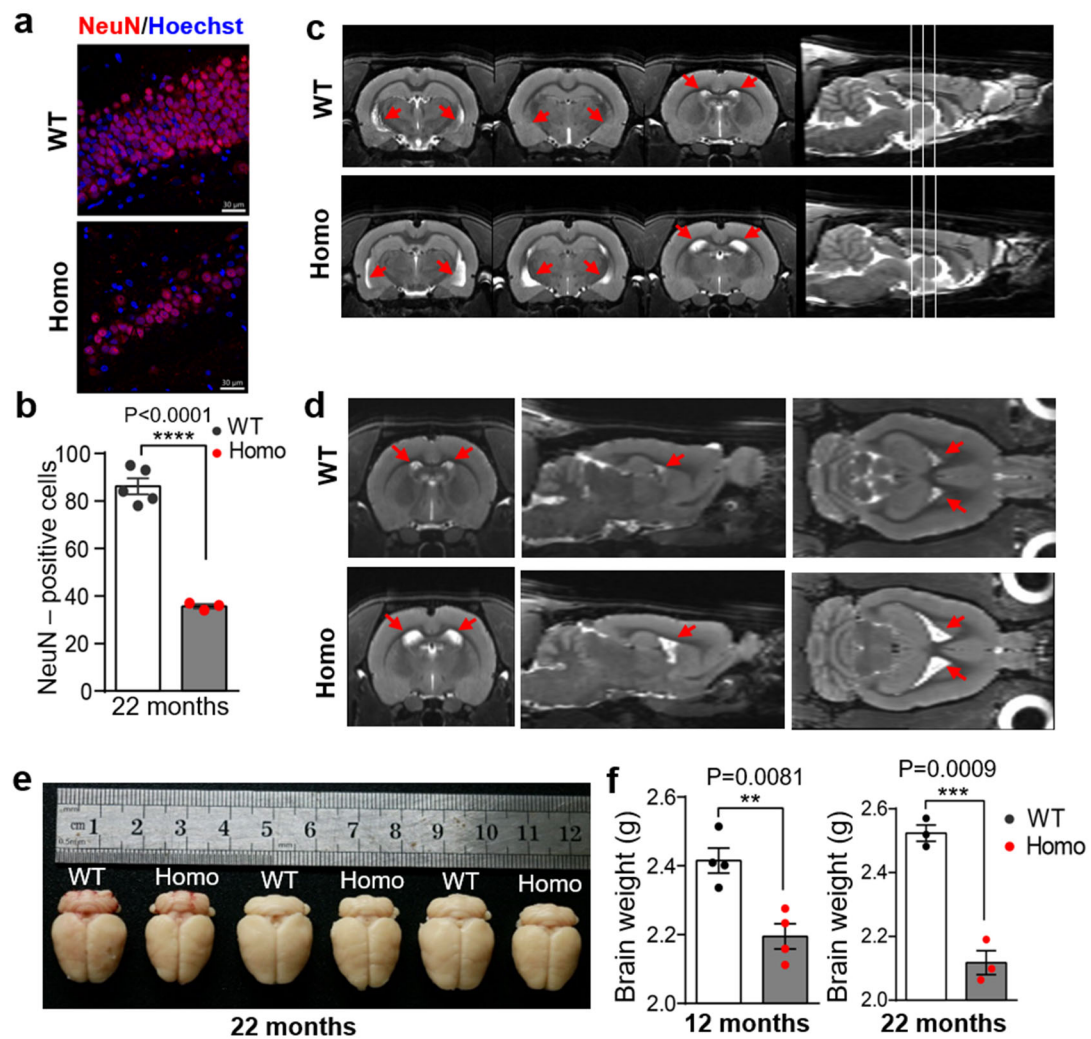


Fig. S7. Brain atrophy in *App*^{NL-G-F} rats.

a,b, Neuronal loss in the hippocampus of 22-month-old *App*^{NL-G-F} rats. Hippocampal CA1 sections from 22-month-old WT or homozygous (Homo) rat were stained with an antibody for NeuN and DAPI. Quantitations of NeuN-positive cells (red) in the stained sections are shown in **(b)**. n =5 (Homo) or 3 (WT) rats. MRI images showing enlarged ventricles in 12-month-old WT and homozygous *App*^{NL-G-F} (Homo) rats. **c**, In each row, three coronal slices are shown with slice thickness of 0.3 mm, and the rightmost sagittal image indicates the position of those slices. **d**, In each row, three orthogonal views of the slices going through the dorsal part of lateral ventricles are shown. The ventricles are indicated by red arrows. **e**, Representative brains of WT and Homo rats at 22 months of age. Note marked forebrain atrophy in the AD brain group. **f**, Plots of brain weights of WT and Homo rats at 12 and 22 months of ages. n=4 (12 months) or 3 (22 months).