

Fig. S9

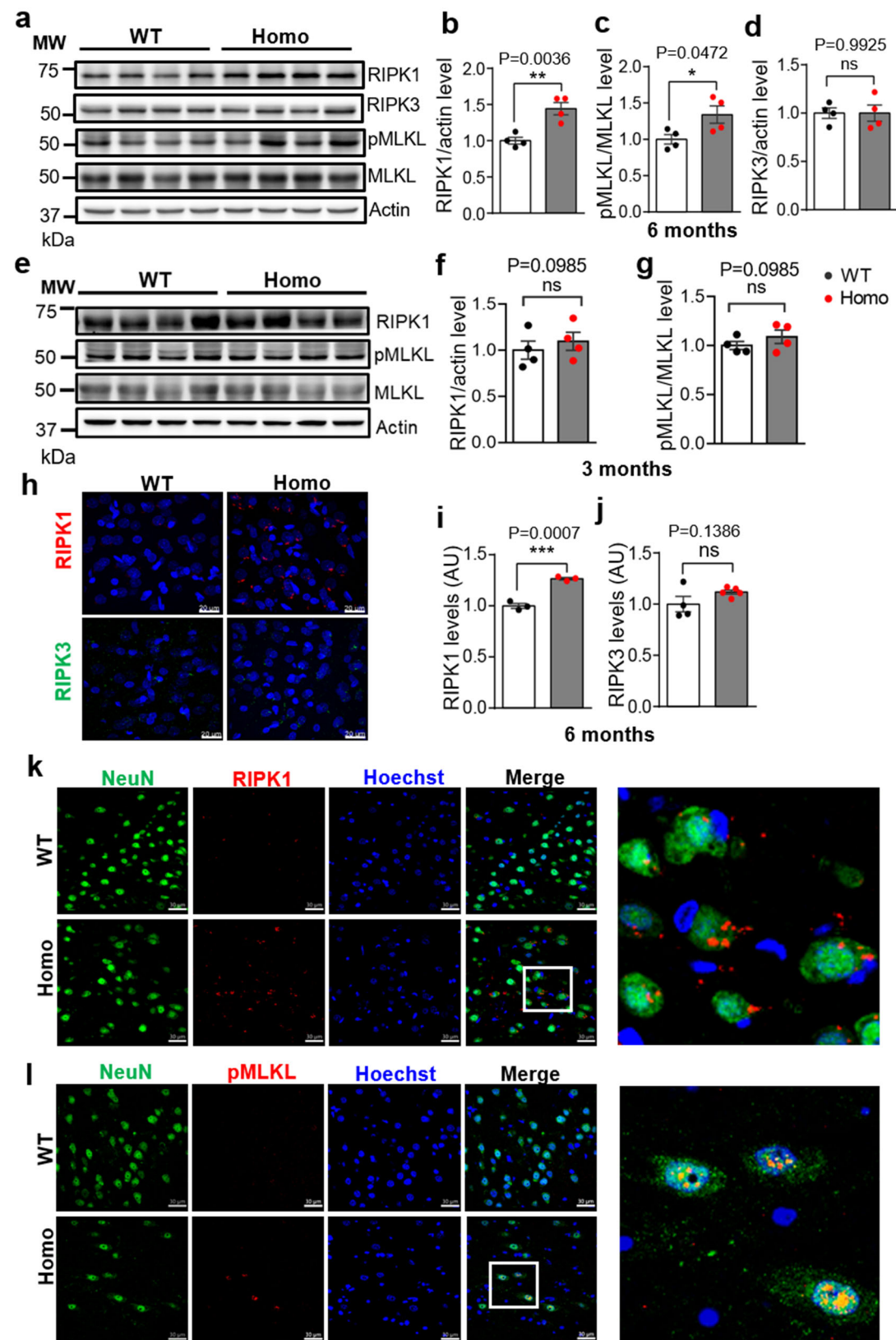


Fig. S9. Necroptosis in *App*^{NL-G-F} rats.

a-g, Expression of necrotic proteins in *App*^{NL-G-F} rats. Hippocampal lysates from 6-month-old (**a**) and 3-month-old (**d**) WT, and homozygous *App*^{NL-G-F} rats were immunoblotted using anti-RIPK1, anti-phosphorylated MLKL, anti-total MLKL, and anti-RIPK3 antibodies. The necroptosis levels were quantified by the ratio of RIPK1 to actin, the ratio of pMLKL to total MLKL, and the ratio of RIPK3 to actin (**b-d** and **f, g**). n = 4, Statistics: one-way ANOVA. **h-j**, Representative fluorescent images of brain sections from 6-month-old WT and Homo rats stained with anti-RIPK1 (red) and RIPK3 (green) antibodies (**h**). Scale bars represent 20 μ m. Quantitative analyses of the immunoreactivity are shown in the right (**i, j**). n = 3. **k, l** Necroptosis in *App*^{NL-G-F} rat neurons. Brain sections from 12-month-old WT and Homo rats were stained with NeuN and anti-RIPK1 (**k**) or anti-pMLKL (**l**) antibodies (red), and representative fluorescent images are shown. The boxed areas in the merged panels are shown in the right panels at a higher magnification level.