

Supplementary Materials

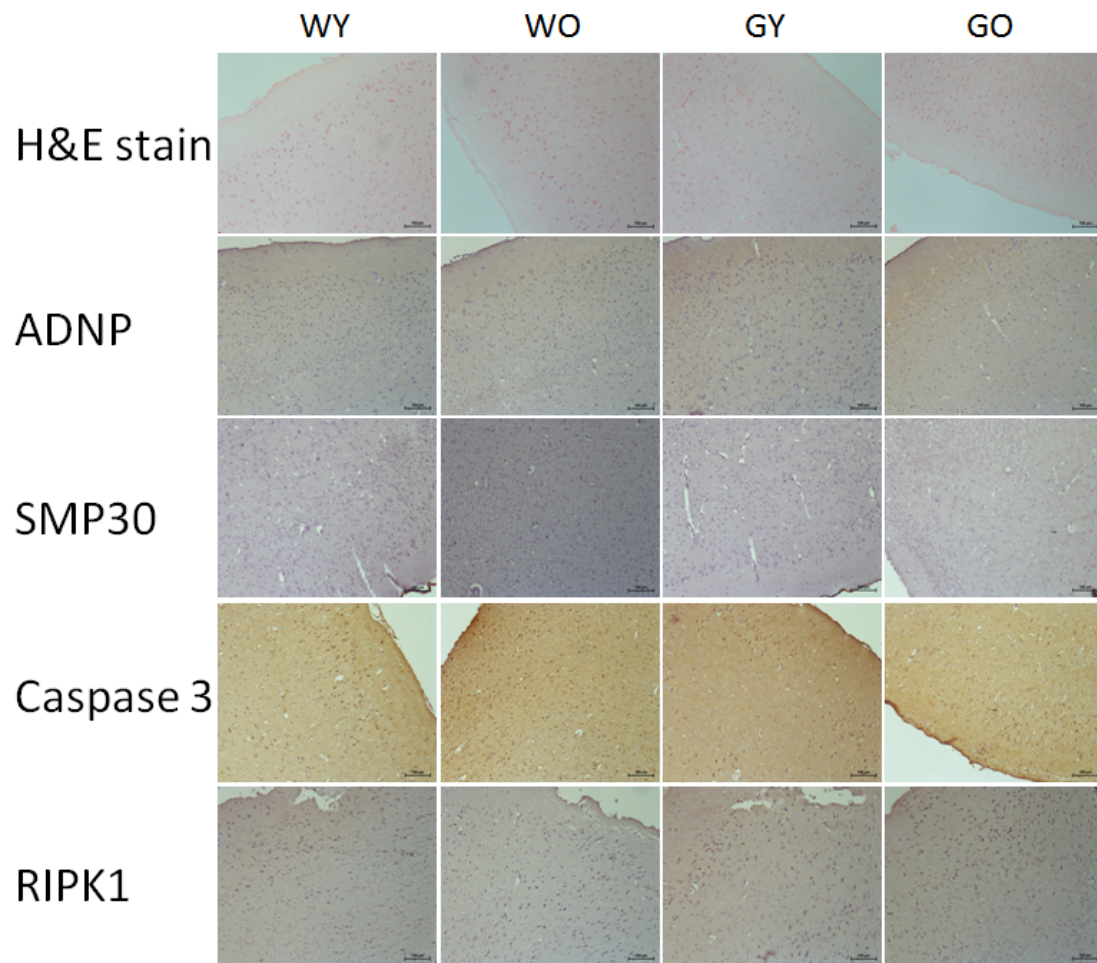


Figure S1. H&E stain and representative IHC images of the cerebrum samples for ADNP, SMP30, Caspase 3 and RIPK1. Basophilic neurons were found in the cerebral cortex. No evident difference was observed among these groups. Abbreviations: young wild-type mice (WY); old wild-type mice (WO); young GNMT^{-/-} mice (GY); old GNMT^{-/-} mice (GO). Scale bars: 100 μ m.

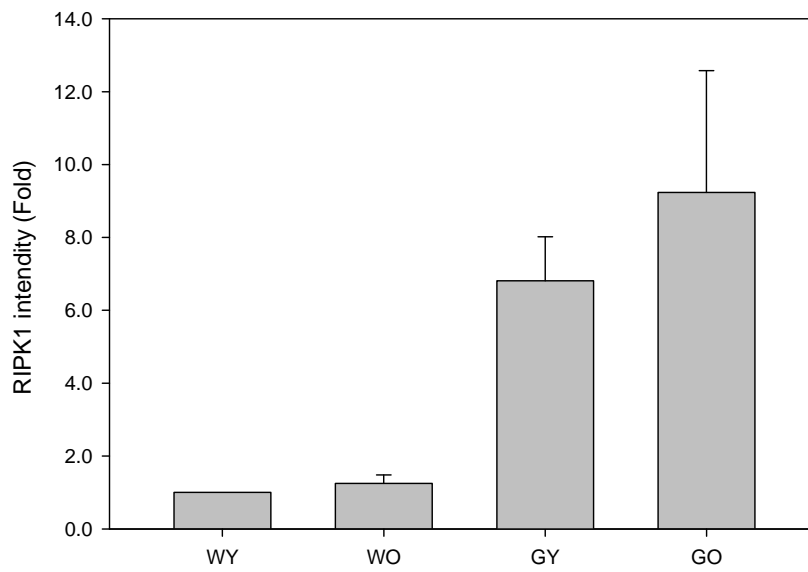


Figure S2. Brain lysates from WY, WO, GY and GO mice were collected, and levels of RIPK1 were analyzed by Western blotting. Beta-actin was used to normalize Western blot data (N=4). Abbreviations: young wild-type mice (WY); old wild-type mice (WO); young $\text{GNMT}^{-/-}$ mice (GY); old $\text{GNMT}^{-/-}$ mice (GO).