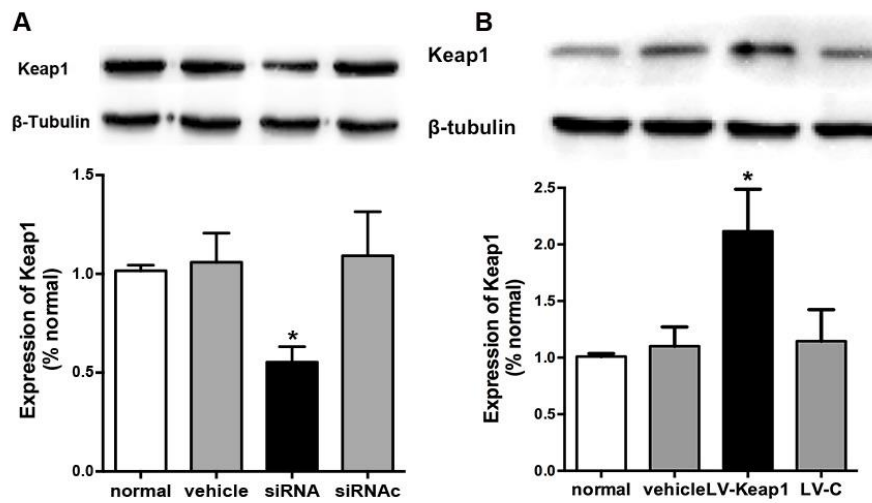


Supplemental Digital Content 5. The effects of the Keap1 deficiency siRNA and Keap1 overexpression lentivirus were identified by western blot analysis.



(A) Western blot analysis showed the Keap1-siRNA deficiency in Keap1 expression in penumbra area. $n = 6$, * $P = 0.025$ vs. the normal group (B) Western blot analysis showed the effects of the Keap1-overexpression lentivirus on the Keap1 content in the penumbra area. $n = 6$, * $P = 0.032$ vs. the normal group. All data was expressed as mean \pm SD. One-way ANOVA with Tukey's *post hoc* test was used for statistic analysis.