

Figure S1. Original Western blot image of Figure 1a with marked (A) Fg and (B) β -actin molecular weight standard.

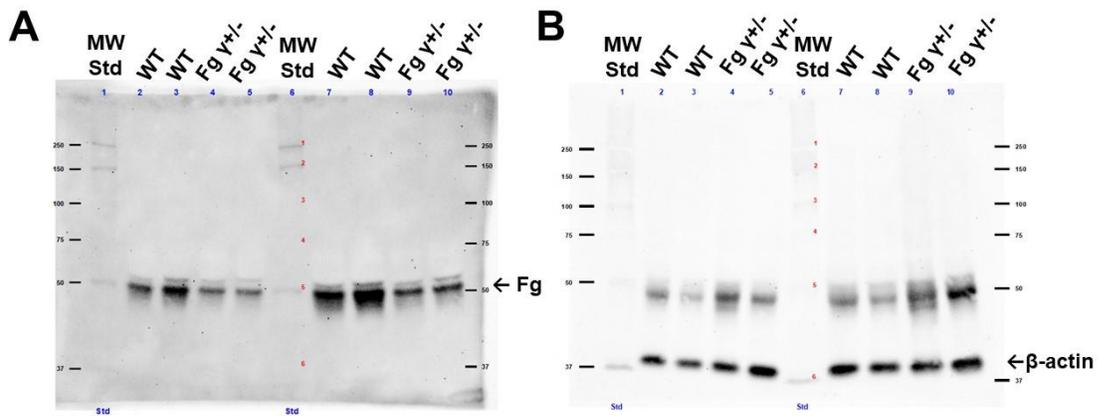


Figure S2. Original Western blot image of Figure 1c with marked (A) Fg and (B) β -actin.

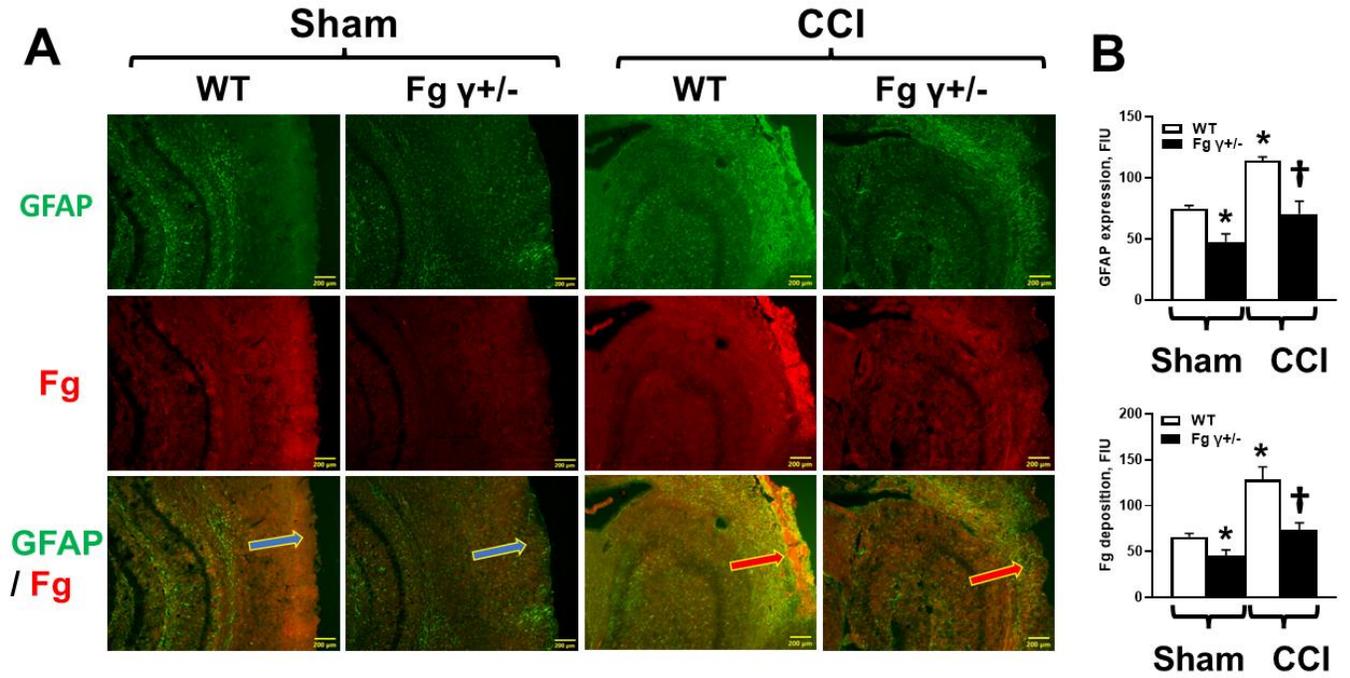


Figure S3. Expression of glial fibrillary acidic protein (GFAP-green) and deposition of fibrinogen (Fg-red) in ipsilateral brain cortical sections 14 days after cortical contusion injury (CCI) or sham-operation (Sham). **(A)** Representative images show marked increases in the expression of GFAP and the deposition of Fg in the cortex of wild-type (WT) mice with CCI in comparison to those in the Fg gamma-chain-knock out (Fg $\gamma^{+/-}$) mice after injury. Red arrows show the pericontusional area in injured animals while blue arrows indicate similar location in sham-operated mice. **(B)** Summary of GFAP and Fg fluorescence intensity values in the WT and Fg $\gamma^{+/-}$ after CCI and sham-operation. $p < 0.05$ in all; * - vs. WT Sham; † - vs. WT CCI; $n = 4$.

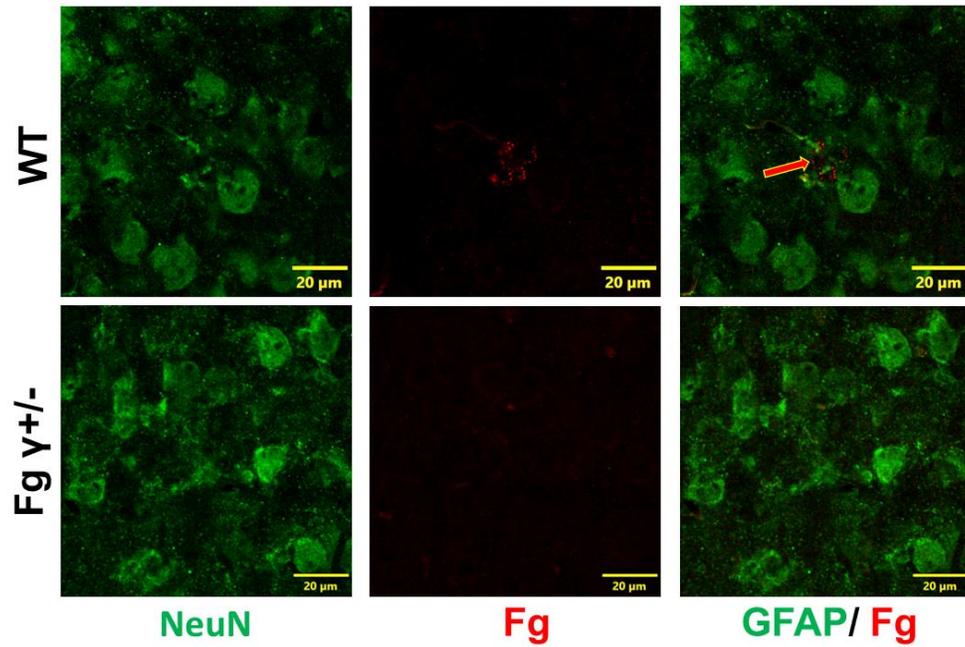


Figure S4. Expression of neuronal nuclei (NeuN-green) and fibrinogen (Fg-red) in ipsilateral brain cortical sections 14 days after cortical contusion injury (CCI). The red arrow indicates deposition of Fg in areas away from the neuron's body.