

## *Supplementary Material*

### **Repeated Sigma-1 receptor antagonist MR309 administration modulates central neuropathic pain development after spinal cord injury in mice**

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## Supplementary Figures

Figure 2A-pERK/tERK 14D

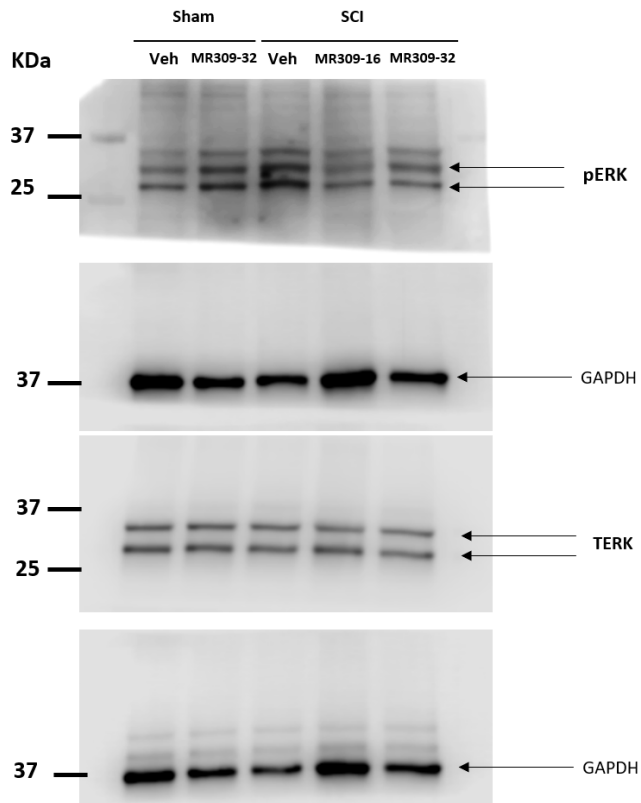
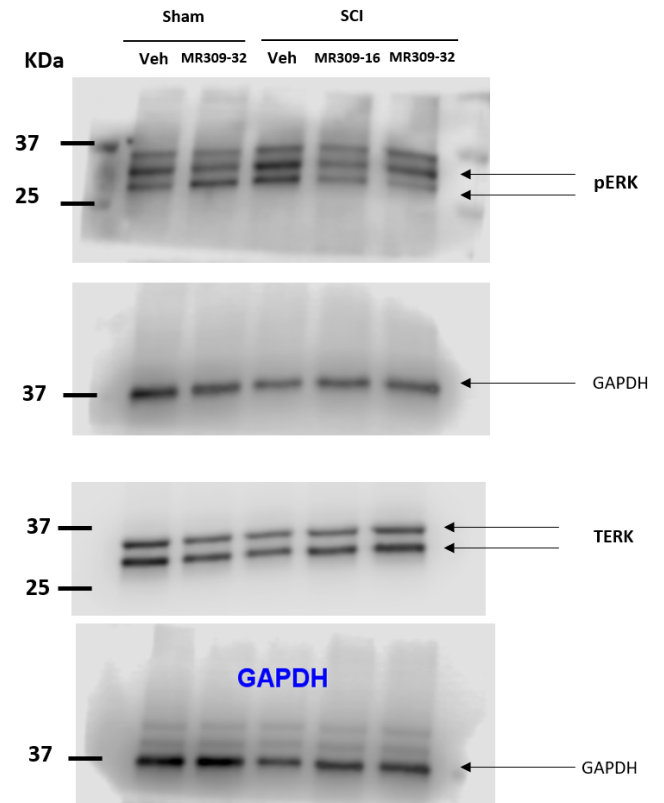
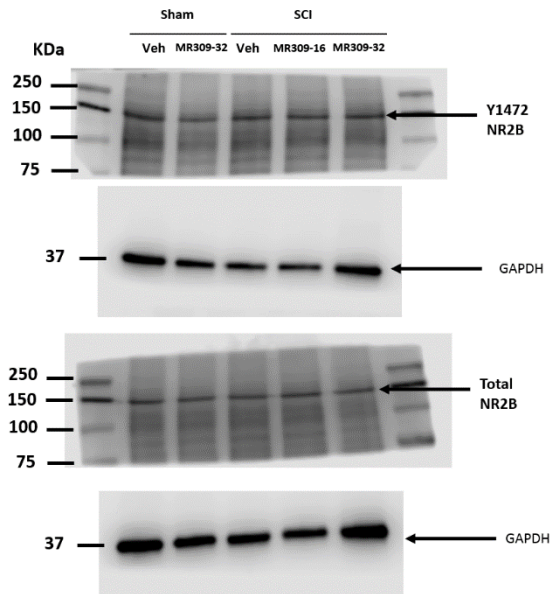


Figure 2B-pERK/tERK 28D

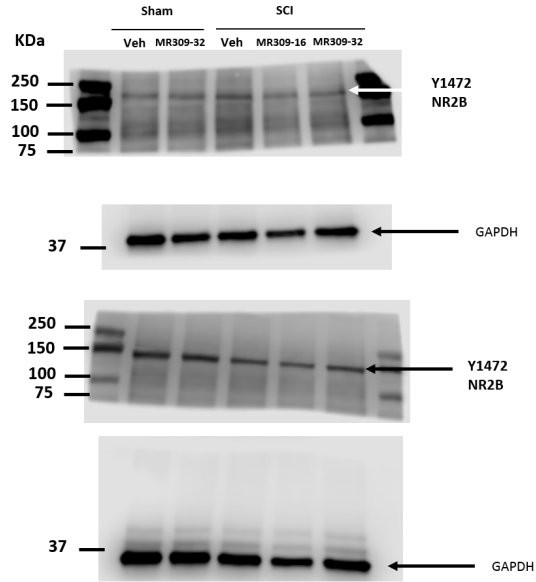


**Supplementary Figure S1.** Original scanned full blots for pERK, tERK and GAPDH shown in Figure 2 A,B.

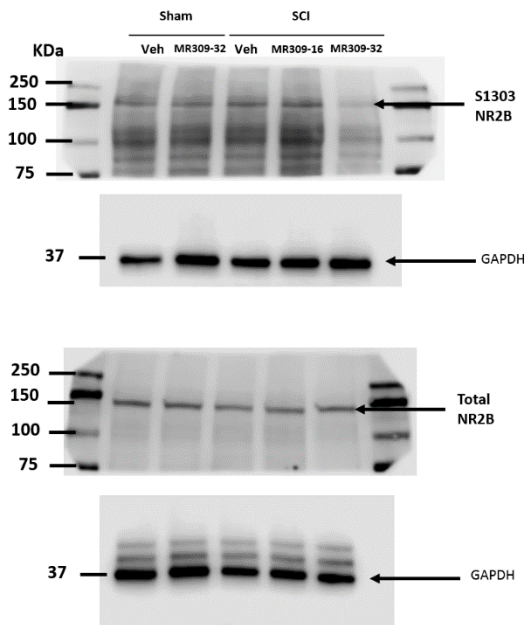
**Figure 3A-Y1472 NR2B 14D**



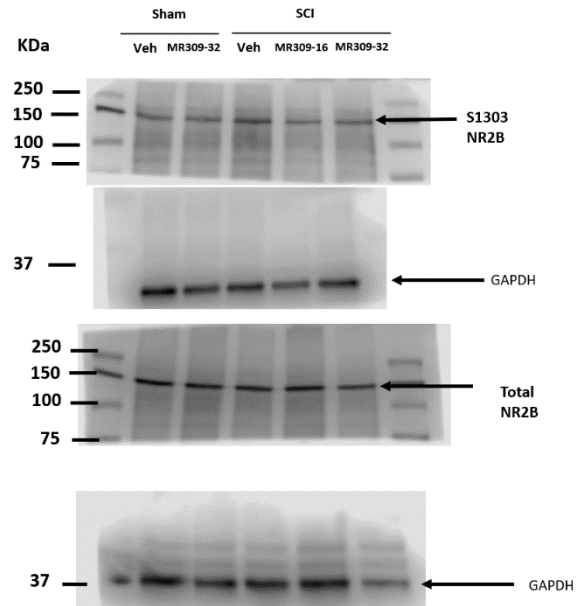
**Figure 3B-Y1472 NR2B 28D**



**Figure 3C-S1303 NR2B 14D**

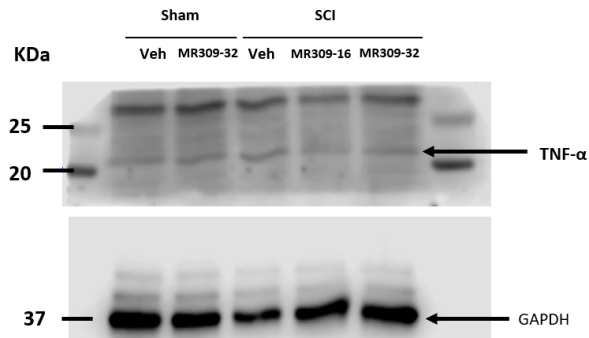


**Figure 3D-S1303 NR2B 28D**

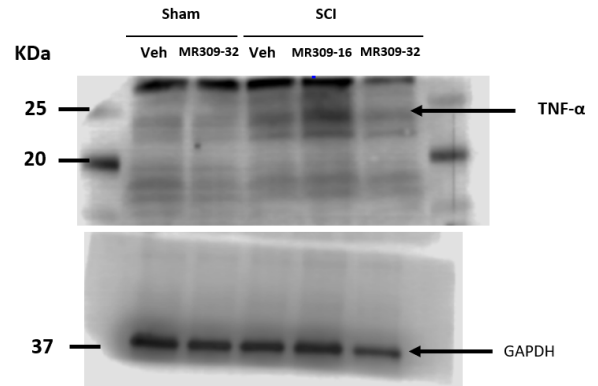


**Supplementary Figure S2.** Original scanned full blots for Y1472 and S1303 phosphorylation of NR2B, NR2B total and GAPDH shown in Figure 3 A,B,C,D.

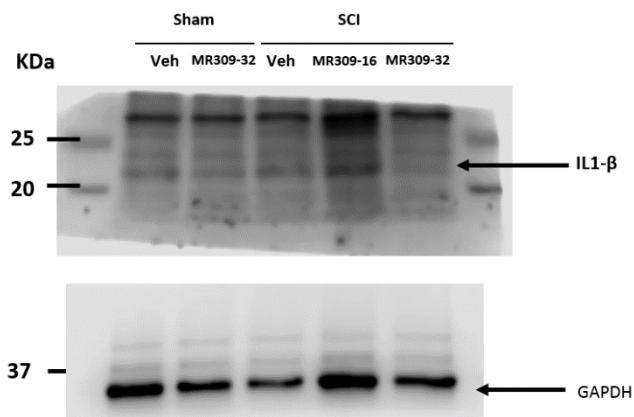
**Figure 4A- TNF $\alpha$  14D**



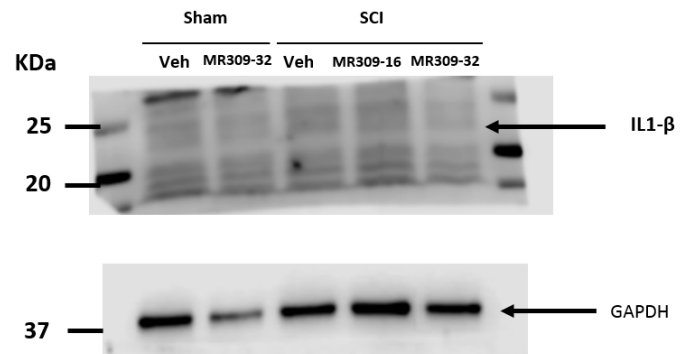
**Figure 4B – TNF $\alpha$  28D**



**Figure 4C- IL1 $\beta$  14D**



**Figure 4D – IL1 $\beta$  28D**



**Supplementary Figure S3.** Original scanned full blots for TNF- $\alpha$ , IL1 $\beta$  and GAPDH shown in Figure 4 A,B,C,D.