

# Beneficial and dimorphic response to Combined HDAC Inhibitor Valproate and AMPK/SIRT1 Pathway Activator Resveratrol in the Treatment of ALS Mice

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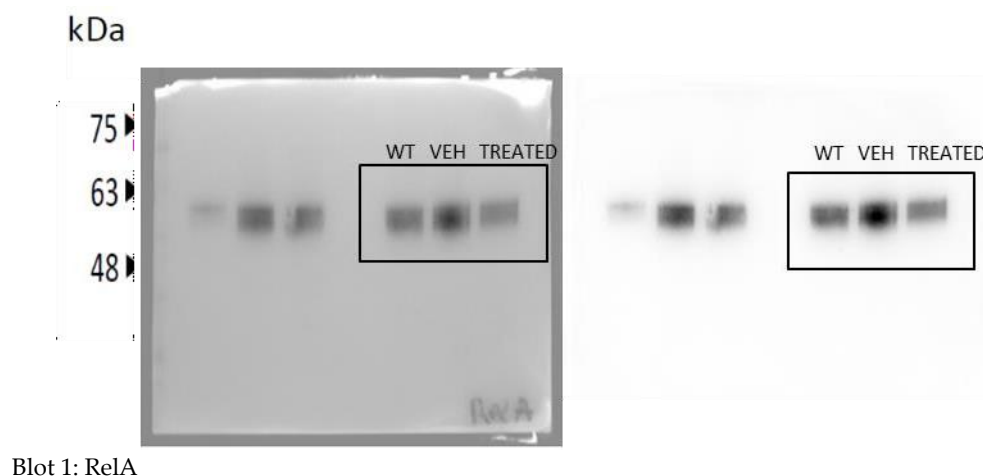
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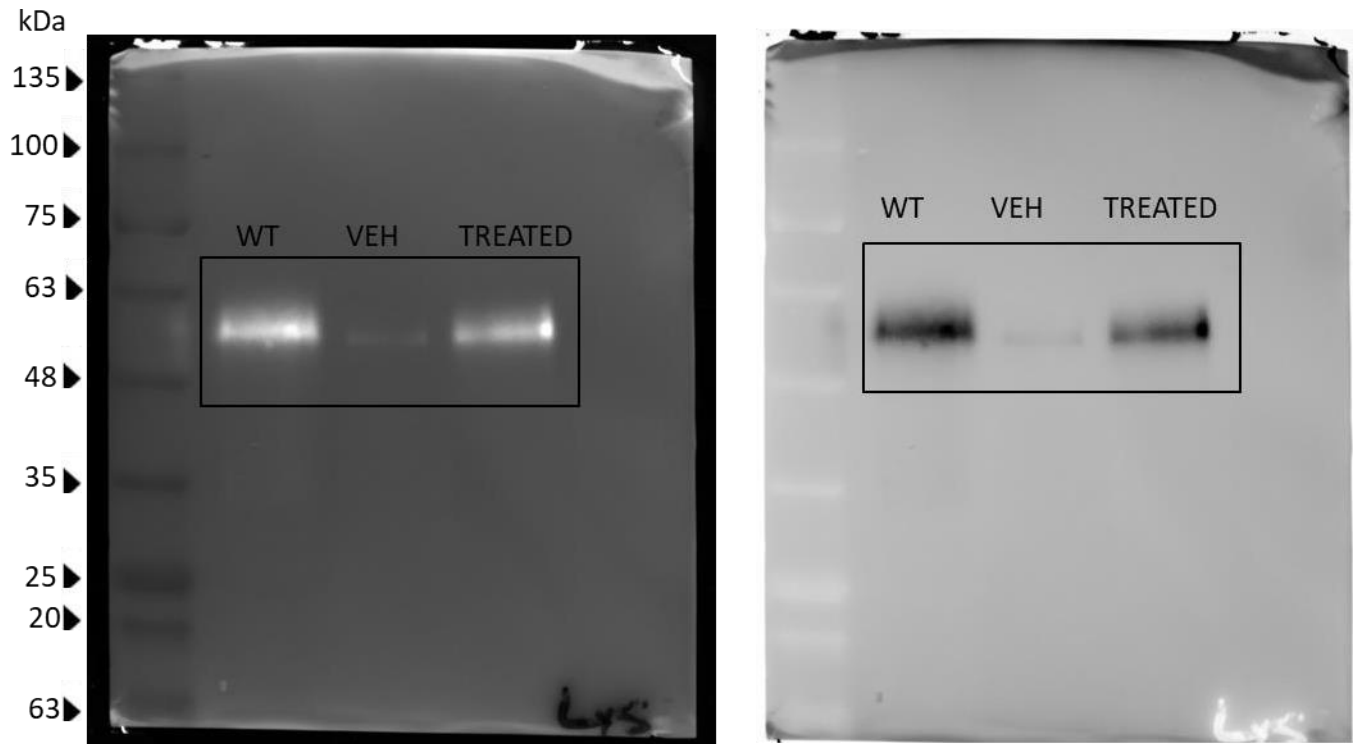
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## Supplementary figure 7





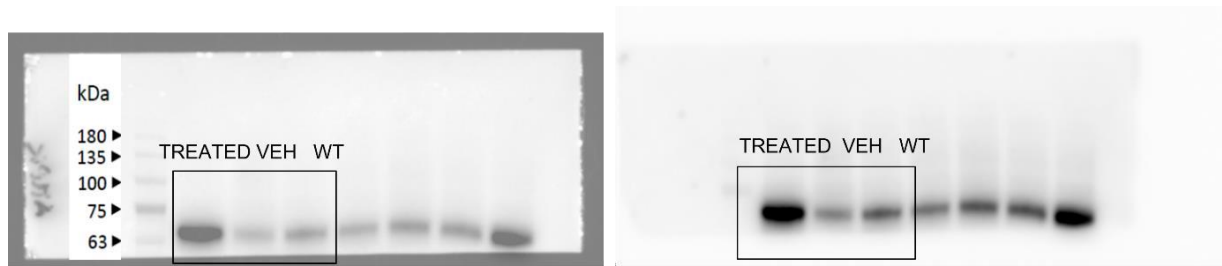
Blot 2: Ac-RelA (tot Lys)



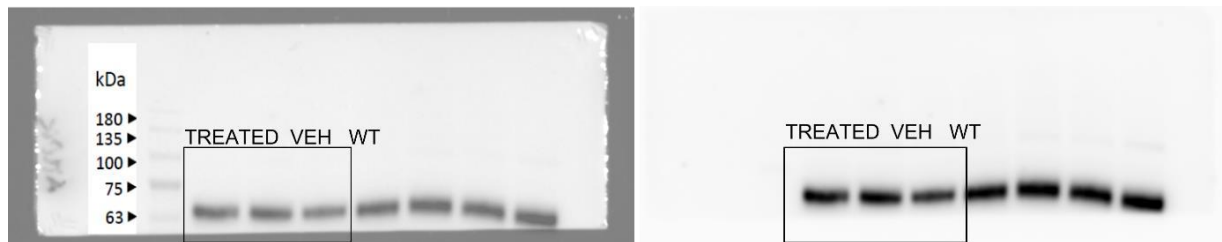
Blot 3. Ac-RelA (Lys 310)

**Figure S7: Western blot of RelA subunit of the nuclear fraction isolated from lumbar spinal cord of WT, VEH and TREATED groups.** Blot 1 – RelA, blot 2 – Ac-RelA (tot lys) and Blot 3 – Ac-RelA (Lys 310) membrane are shown merged with the protein molecular weight marker (kDa) on the left, on the right are shown the full length western blots of gels presented in Figure 5a of the main article. The black line boxes referred to the cropped parts that are showed in the main article.

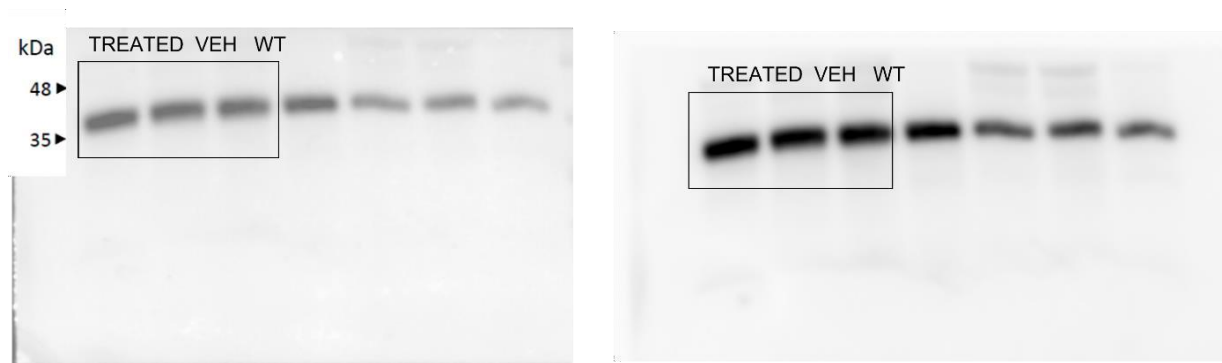
## Supplementary figure 8



Blot 1: pAMPK



Blot 2: AMPK



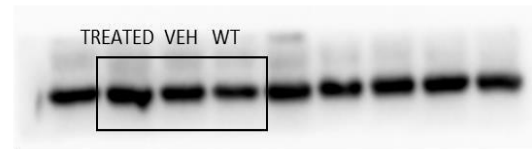
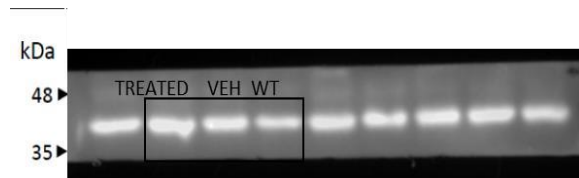
Blot 3: GAPDH

**Figure S8. Western blot of cytoplasmic fraction isolated from lumbar spinal cord of WT, VEH, TREATED groups probed with pAMPK (62kDa), AMPK (62kDa) and GAPDH (37kDa) antibodies:** The figure shows western blots of gels shown in Figure 6a of the main article. The black-lines boxes on the images refer to the cropped part presented in the main article and the molecular weight marker of each protein is indicated on the left (kDa).

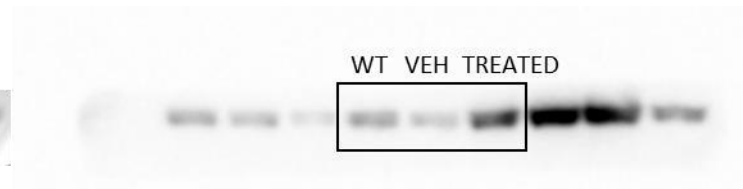
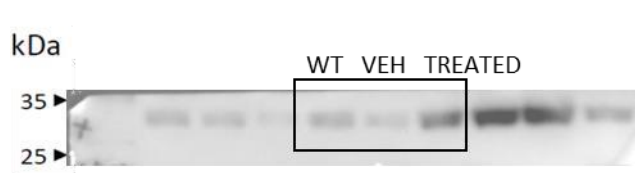
## Supplementary figure 9.



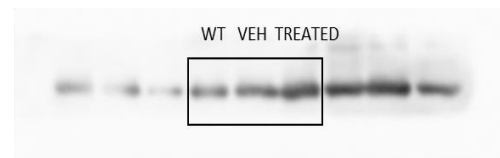
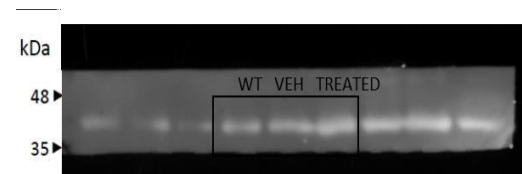
Blot 1. BDNF



Blot 2. GAPDH for BDNF



Blot 3. Bcl-xL



Blot 4. GAPDH for Bcl-xL

**Figure S9. Western blot of cytoplasmic fraction isolated from lumbar spinal cord of WT, VEH and TREATED mice probed with Bcl-xL (30 kDa), BDNF (14 kDa) and GAPDH (37 kDa) antibodies.** The figure shows full length western blots of gels presented in Figure 7A (BDNF) and Figure 7C (Bcl-xL) of the main article. The boxes on the images highlight the cropped parts that are showed in the main article. The protein molecular weight marker (kDa) is indicated on the left.