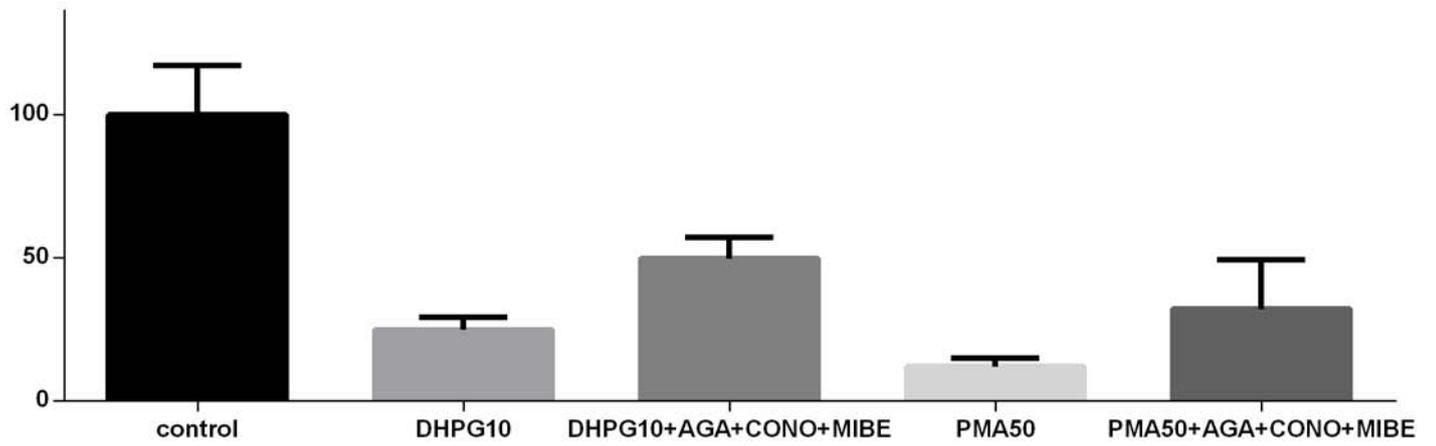
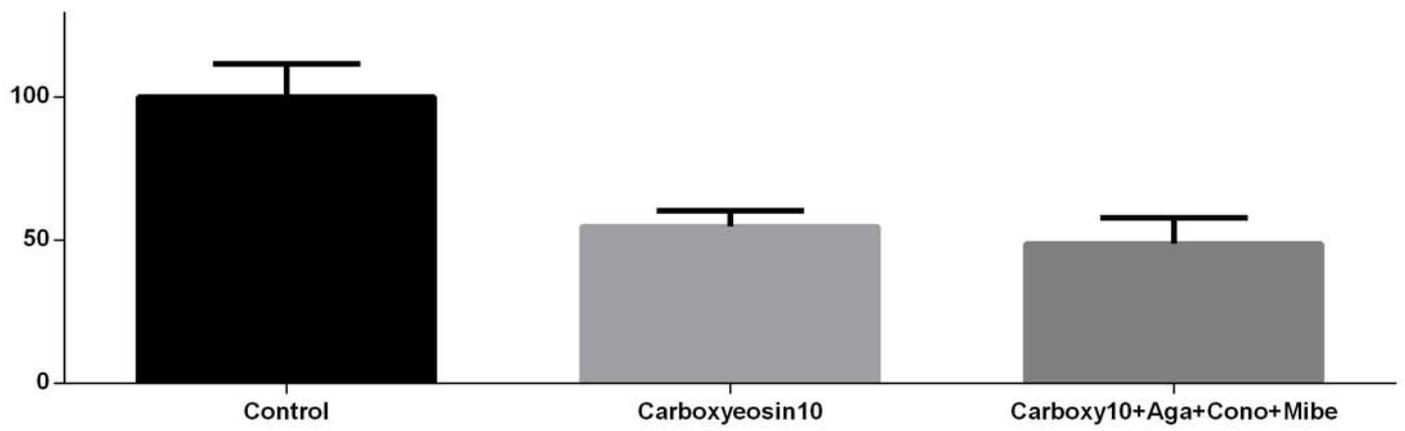


**A**

Rescue by blockade of P/Q and T-channels

**B**

Carboxyeosin with P/Q and T block



**Supplemental Fig. 1:**

A) Size of the Purkinje cell dendritic arbors with blockade of P/Q-type and T-type Ca<sup>2+</sup> channels and mGluR1/PKC stimulation: Blockade of P/Q-type and T-type Ca<sup>2+</sup> channels with mGluR1 activation does provide a rescue from DHPG mediated dendritic reduction. Similarly, Ca<sup>2+</sup> channels blockade shows similar dendritic rescue when PKC is activated by PMA. The mean size of control Purkinje cells was considered as 100%. Error bars represent the SEM. One set of experimental data with n= 15.

B) Size of the Purkinje cell dendritic arbors with blockade of P/Q-type and T-type Ca<sup>2+</sup> channels and PMCA2 inhibition: The Purkinje cell dendritic arbors in with blockade of P/Q-type and T-type Ca<sup>2+</sup> channels in addition to PMCA2 does not have an additive rescuing effect when PMCA2 was inhibited by carboxyeosin. The mean size of control Purkinje cells was considered as 100%. Error bars represent the SEM. One set of experimental data with n= 25.