Rotstein_Fig S5

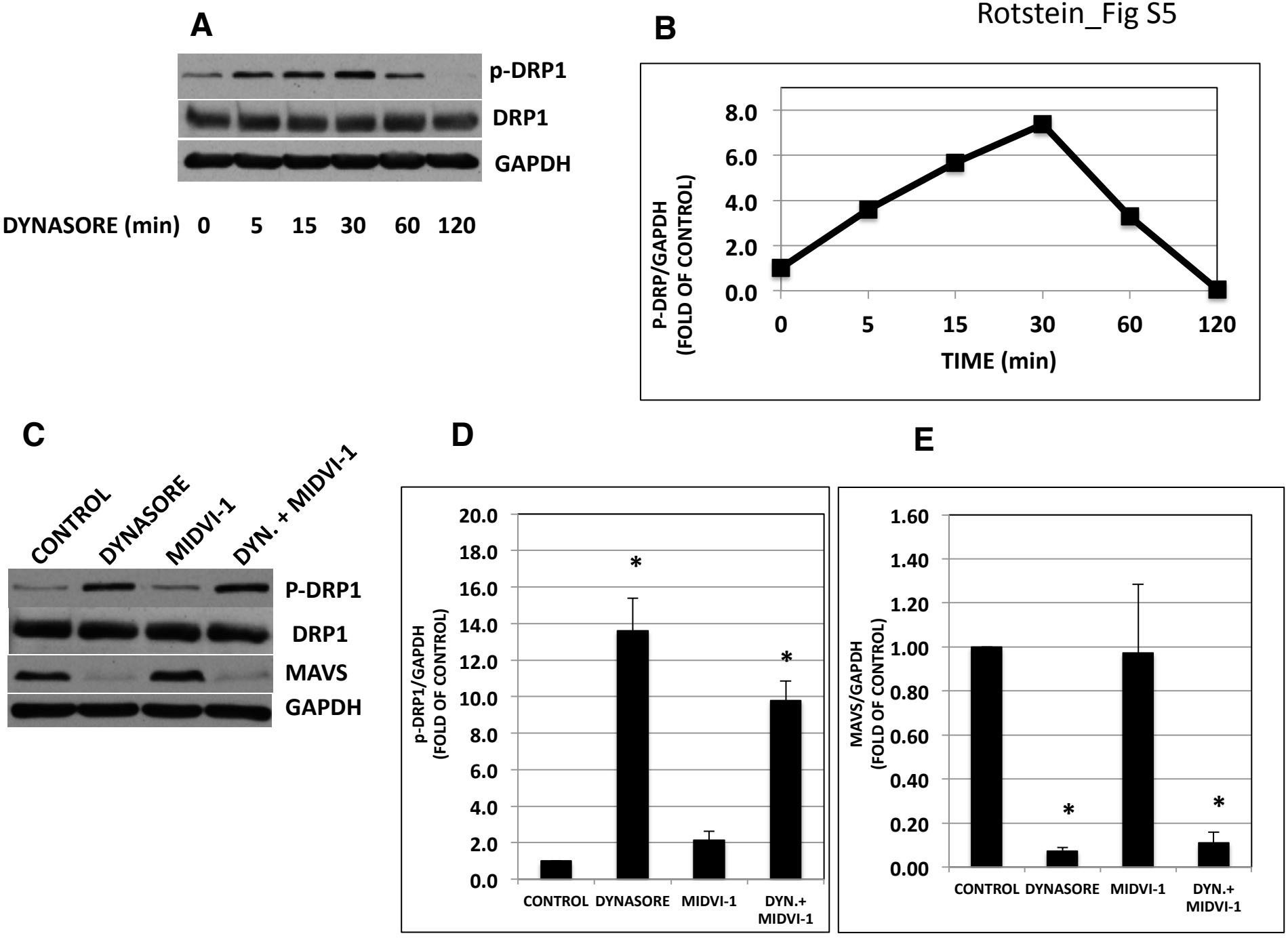

FIGURE S5. Dynasore causes phosphorylation of mitochondrial DRP1 on Ser 637; but dynasore's effect is not due to inhibition of DRP1 GTPase activity**.** (A) Western blot: cells were treated with 80 mM dynasore in HBSS for the times indicated. For loading correction, nitrocellulose membranes were re- probed with GAPDH or DRP1. (B) Bands in panel A were subjected to densitometry and expressed as ratio of p-DRP1/GAPDH. (C) Western blot showing that MIDVI-1 (10 mM; specific inhibitor of DRP1 GTPase activity) does not influence MAVS levels and DRP1 phosphorylation. (D, E) Densitometry of blots corrected to GAPDH and normalized to DMSO- treated control. ANOVA: $p < 8X10^{-5}$ for p-DRP1 and $p < 0.04$ for MAVS; DF within groups= 9.