SUPPLEMENTARY MATERIALS FOR:

DUAL OXIDASE-INDUCED SUSTAINED GENERATION OF HYDROGEN PEROXIDE CONTRIBUTES TO PHARMACOLOGICAL ASCORBATE-INDUCED CYTOTOXICITY

by

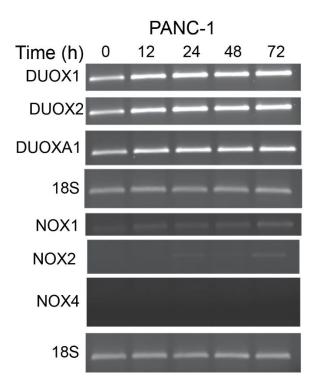
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Supplemental Figure 3



Supplemental Figure 3. No changes in NOX enzymes are observed following P-AscH⁻.

The PCR assay was used to measure expression of various *DUOXs* and *NOXs* enzymes. A time dependent increase in *DUOX1* and *DUOX2* expression in PANC-1 cells treated with 5 mM P-AscH⁻ for 0 - 72 h. No increase was seen in *NOX1*, *NOX2*, or *NOX4* expression in PANC-1 cells treated with P-AscH⁻ over time. As seen in Figures 3 and 4, P-AscH⁻ treatments of PDAC cells significantly and selectively increased mRNA levels of *DUOXs* in a time and dose-dependent manner. These results demonstrate the specificity of P-AscH⁻ selectively inducing expression of DUOXs.