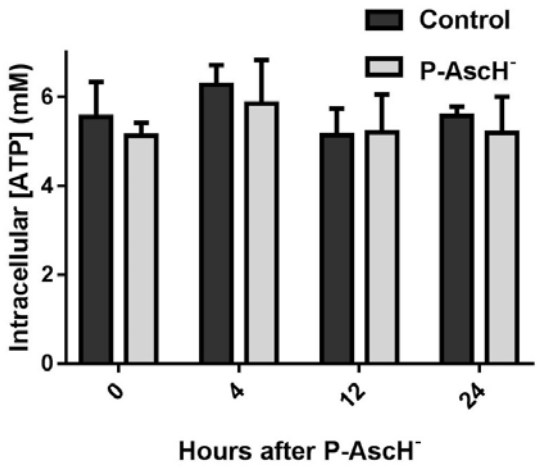
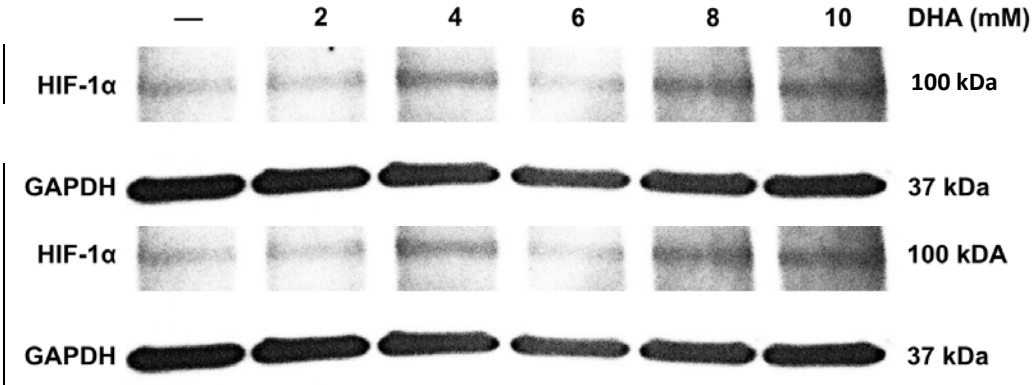
Supplementary Figure 1

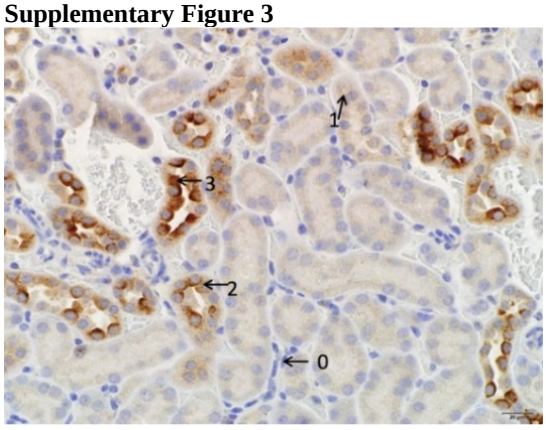


Supplementary Figure 1. P-AscH⁻-induced inhibition of HIF-1α is not due to overwhelming cell death. MIA PaCa-2 cells were treated with 5.4 pmol cell^{-1} ascorbate (1.8 mM; 1 x 10^6 cells) for 1 h. Following treatment, medium containing ascorbate was removed, cells were washed with PBS, fresh DMEM medium was added to culture dishes, and cells were returned to 37 °C, 5% CO_2. Cells were harvested 0, 4, 12, and 24 h following the 1-h ascorbate treatment and intracellular ATP concentration was measured demonstrating that intracellular ATP levels remain stable 24 h after treatment to 5.4 pmol cell^{-1} ascorbate in MIA PaCa-2 cells (means ± SEM, n = 3).



Supplementary Figure 2. HIF-1alpha expression was unchanged upon treatment with varying amounts of dehydroascorbic acid (DHA). MIA PaCa-2 cells showed stable HIF-1α expression after 1 h exposure to DHA (2-10 mM, 2-10 pmol $cell^{-1}$).

Supplementary Figure 3



Supplementary Figure 3. Semi-quantitative scoring for VEGF immunohistochemistry. Histological section of a murine kidney (positive control tissue for the VEGF immunohistochemical assay) demonstrating the brown immunostaining representative of antibody bound to VEGF in tumor cells. 0: no immunostaining, 1: light immunostaining, 2: moderate immunostaining, 3: dark/abundant immunostaining.