

Supplementary Figure 5. Western blot analysis of Erk 1/2 phosphorylation at 1 month after HOE-140 treatment. Representative image of phosphorylated Erk 1/2, total Erk 1/2, and GAPDH in sham-irradiated + vehicle treatment and sham-irradiated + HOE-140 treatment.



 $Supplementary\ Figure\ 6.\ Western\ blot\ analysis\ of\ c\mbox{-Jun\ at\ 1}\ month\ after\ sham\mbox{-irradiation}\ or\ local\ heart\ irradiation\ with\ 21\ Gy.\ Representative\ image\ of\ c\mbox{-Jun\ phosphorylated}\ at\ serine\ 63\ or\ serine\ 73\ ,\ total\ c\mbox{-Jun\ ,}\ and\ GAPDH\ in\ sham\mbox{-irradiated}\ +\ vehicle\ treatment\ and\ 21\ Gy\ +\ vehicle\ treatment.$