

Fig.S1 The efficiency of PCAF knockdown by Ad-PCAF RNAi *in vitro* and *in vivo*.

(A) Western blot analysis of PCAF protein expression in H9c2 cells after adenoviral infection (n=6). (B) Western blot analysis of PCAF protein expression in rat myocardium after adenovirus injection (n=6). ** $p < 0.01$ vs. Ad-GFP group.

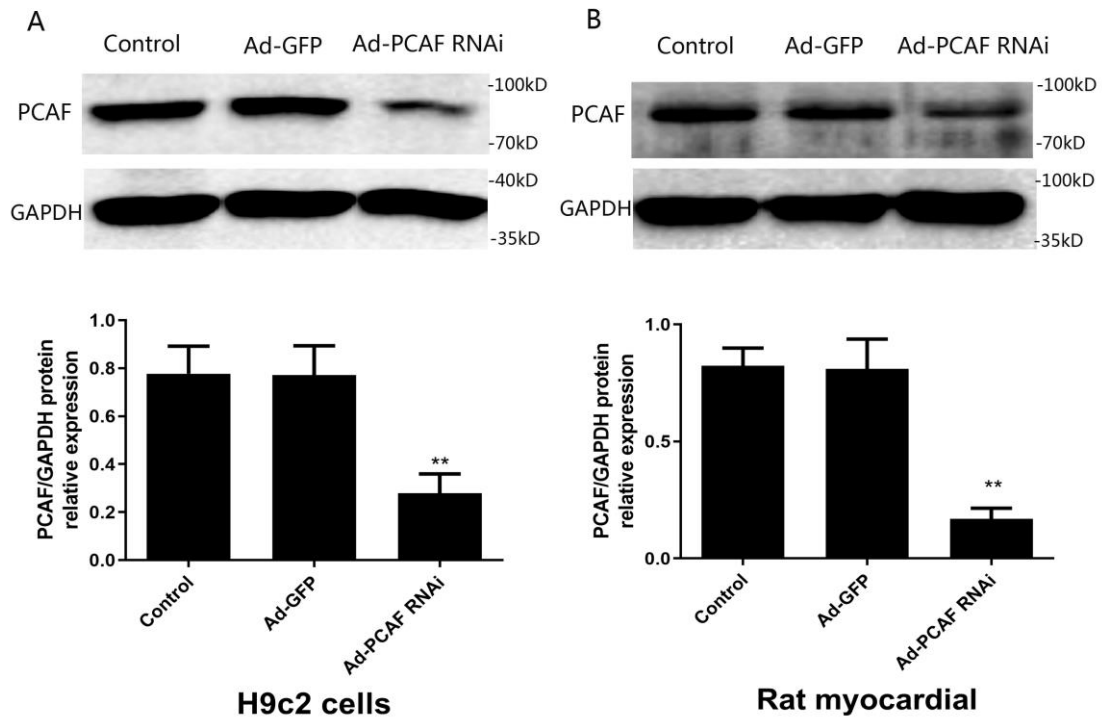


Fig.S2 Graphical abstract for the mechanism of PCAF on myocardial autophagy and myocardial ischemia-reperfusion injury through the PI3K/Akt/mTOR signaling pathway. I/R, ischemia-reperfusion; H/R, hypoxia-reoxygenation.

