

Figure S1. Transfection efficiencies of miR-200c-3p mimics and si-AdipoR2. (A) Transfection efficiency of miR-200c-3p mimic was detected using RT-qPCR. (B) Transfection efficiency of si-AdipoR2 was detected using RT-qPCR. Three independent cell tests were performed. Data are presented as the mean \pm standard deviation. One-way ANOVA was used for comparisons between groups followed by Tukey's post hoc test. *** $P < 0.001$. miR, microRNA; RT-qPCR, reverse transcription-quantitative PCR; si, small interfering RNA; AdipoR2, adiponectin receptor 2; H/R, hypoxia/reperfusion; NC, negative control.

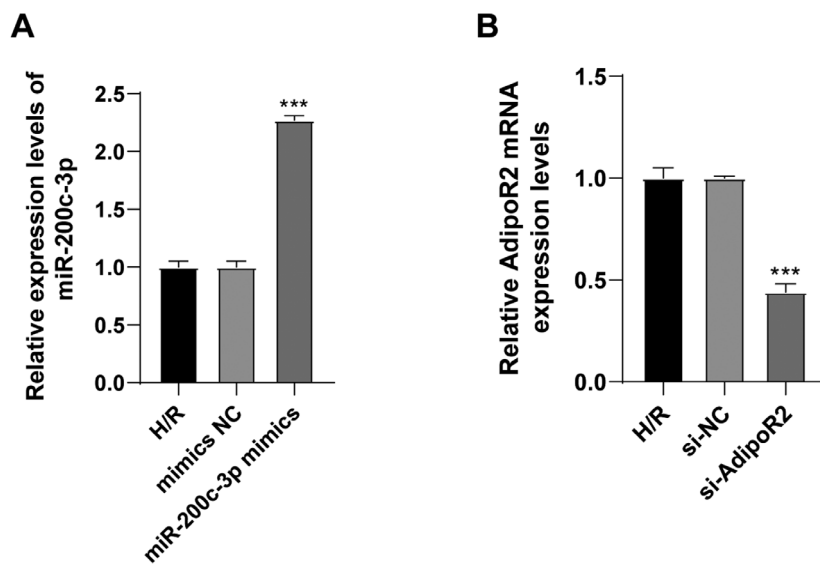


Figure S2. Molecular mechanism of propofol postconditioning on protecting against MI/RI in the diabetic myocardium. Propofol postconditioning promoted the expression of AdipoR2 by inhibiting the binding of miR-200c-3p to AdipoR2, activating the STAT3 pathway and inhibiting cardiomyocyte apoptosis, thus protecting the MI/RI rat model. AdipoR2, adiponectin receptor 2; miR, microRNA; MI/RI, myocardial ischemic reperfusion injury; UTR, untranslated region.

