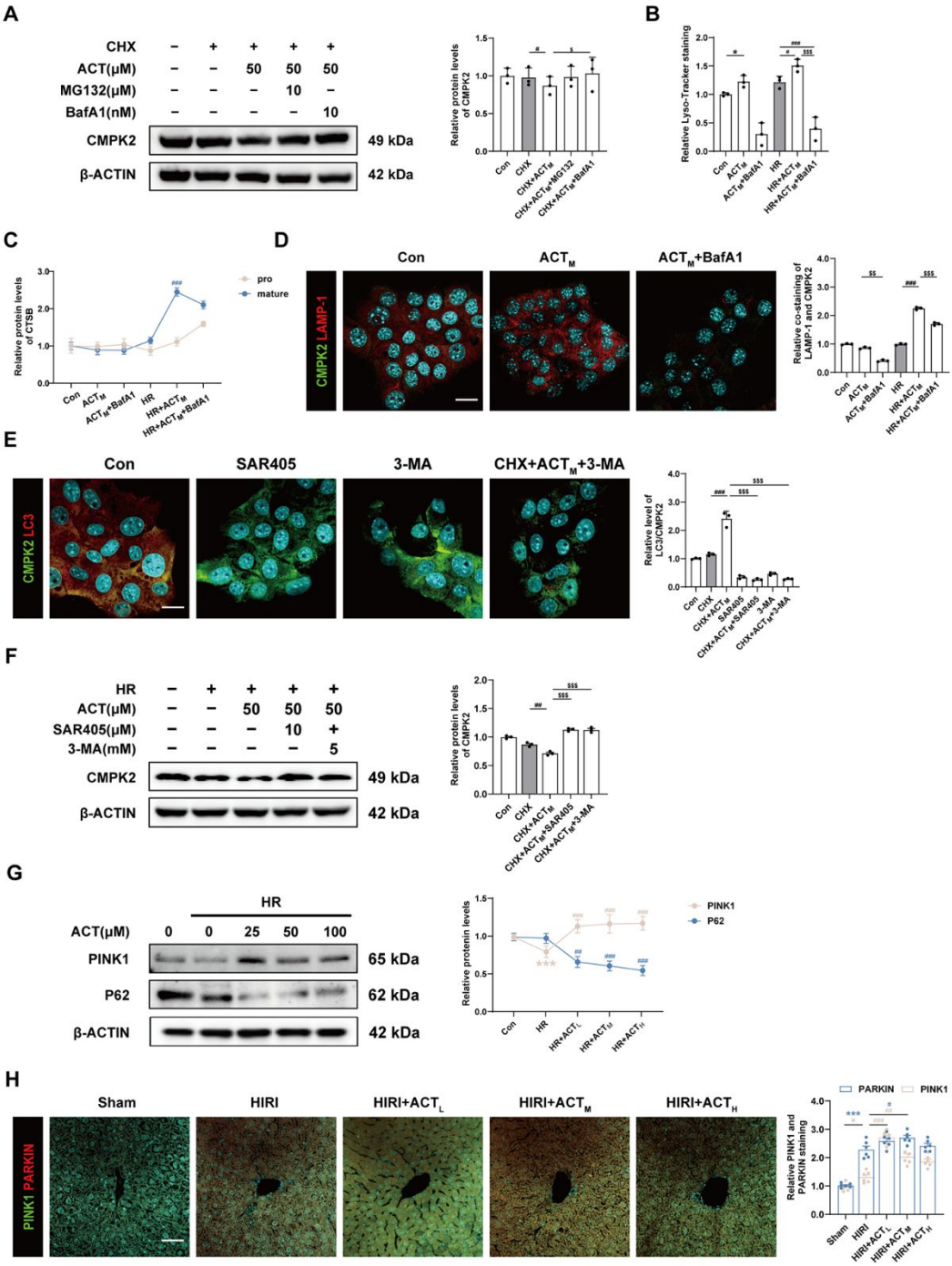

Fig. S11. ACT promoted CMPK2 degradation by activating mitophagy. (**A**) The protein expression of CMPK2 in AML12 cells was normalized with β-ACTIN. Quantitative analysis of (**B**) immunofluorescence and (**C**) western blot. (**D** and **E**) Immunofluorescence staining for LAMP-1 (594 nm), LC3 (594 nm), CMPK2 (488 nm) and DAPI (405 nm). Scale bar = 20 μm. (**F**) The protein expression of CMPK2 in AML12 cells was normalized with β-ACTIN. (**G**) The protein expression of PINK1 and P62 in AML12 cells were normalized with β-ACTIN. (**H**) Immunofluorescence staining for PARKIN (594 nm), PINK1 (488 nm) and DAPI (405 nm). Scale bar = 20 μm. Statistical significance: $^{*}p < 0.05$, $^{***}p < 0.001$, compared with control group; $^{\#}p < 0.05$, $^{\#\#}p < 0.01$, $^{\#\#\#}p < 0.001$, compared with the CHX, HR or HIRI group; $^{\$}p < 0.05$, $^{\$\$}p < 0.01$, $^{\$\$\$}p < 0.001$, compared with the CHX + ACT$_M$ + MG132, HR + ACT$_M$, ACT$_M$ or CHX + ACT$_M$ group (n = 3 for cell experiments, n = 6 for mice experiments).