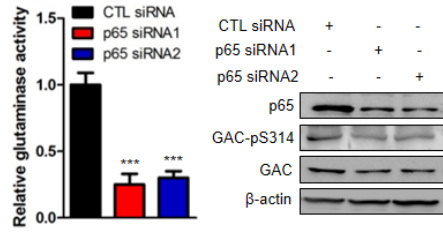
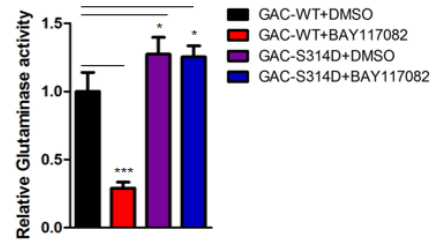


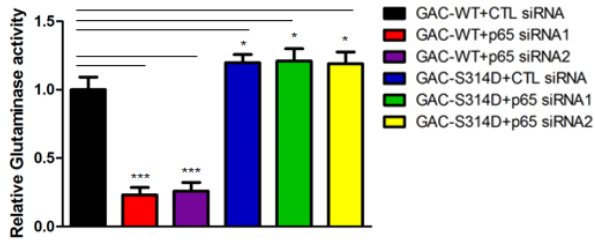
A



B



C



Supplementary information, Figure S7. NF- κ B regulates the phosphorylation of GAC at Ser314. (A) A549 cells were transiently transfected with control siRNA (CTL siRNA) or NF- κ B (p65) siRNAs and mitochondria were isolated. Then the glutaminase activity was detected. Data represent the average of three independent experiments (mean \pm SD). *** P <0.001 (Left figure). Cells transfected with control or p65 siRNAs were lysed and probed using indicated antibodies (Right figure). (B) H1299 cells were transiently transfected with V5-tagged GAC-WT or GAC-S314D. 24 hours later, the cells were treated with or without 5 μ M Bay117082 for 24 hours and lysed for immunoprecipitation using the anti-V5 antibody. The glutaminase activity assay was then performed. Data represent the average of three independent experiments (mean \pm SD). * P <0.05, *** P <0.001. (C) H1299 cells were co-transfected with indicated siRNAs and GAC-WT or GAC-S314D and then lysed for immunoprecipitation using the anti-V5 antibody, and the glutaminase activity assay was done. Data represent the average of three independent experiments (mean \pm SD). * P <0.05, *** P <0.001.