

Supplementary Figure S1. THP-1 cells were treated with 200 μ M PA or 1 μ g/mL LPS (as a positive control) for 12 h. (A) The mRNA levels of NLRP3, caspase-1, IL-18, and IL-1 β were examined by quantitative RT-PCR. (B) Cell lysates and supernatants were subjected to immunoblotting using antibodies specific for NLRP3, caspase-1, IL-18, IL-1 β , and β -actin. Relative protein levels were analyzed with ImageJ. (C) The levels of caspase-1 and IL-1 β in the culture supernatants were determined by ELISA. * $p < 0.05$ compared with PA-untreated THP-1 cells. (D) miR-132 expression was analyzed by quantitative RT-PCR. * $p < 0.05$ compared with PA-untreated THP-1 cells. (E,F) FOXO3 mRNA and protein expression were analyzed by quantitative RT-PCR and Western blotting. * $p < 0.05$ compared with PA-untreated THP-1 cells. (G) The effect of NF- κ B silencing on PA-induced FOXO3 expression was determined by quantitative RT-PCR in THP-1 cells. NS, no significance.

