



Supplementary Fig. S1. DPI increases intracellular ROS level in ARPE-19 cells. ARPE-19 cells were deprived of serum for 4 hr and then treated with the indicated concentrations of DPI (0, 0.1, 1, and 10 μM) or H_2O_2 (500 μM) for 4 hr. Intracellular ROS generation was measured by flow cytometry using (A) DHE (10 μM , 30 min) for superoxide (Red), (B) DCF-DA (10 μM , 30 min) for H_2O_2 (green), (C) MitoSOX (5 μM , 30 min) for mitochondrial superoxide (Red). Experiments are repeated at least 3 times (2-tailed student's test). * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$. vs untreated DPI; SC: solvent control.