



Supplementary Fig. S3. NAC and ascorbic acid reduced DPI-increased intracellular ROS in ARPE-19 cells. ARPE-19 cells were deprived of serum for 4 hr then were treated with DPI (10 μ m) in the presence or absence of NAC or ascorbic acid for 4 hr. (A) Microscopy or (B) flow cytometry were performed to measure ROS level with DHE, DCFDA or MitoSOX. Experiments are repeated at least 3 times (2-tailed student's test). * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$. NS: no significant difference; SC: solvent control; Scale bar: DHE: 25 μ m, DCFDA: 150 μ m, MitoSOX: 10 μ m.