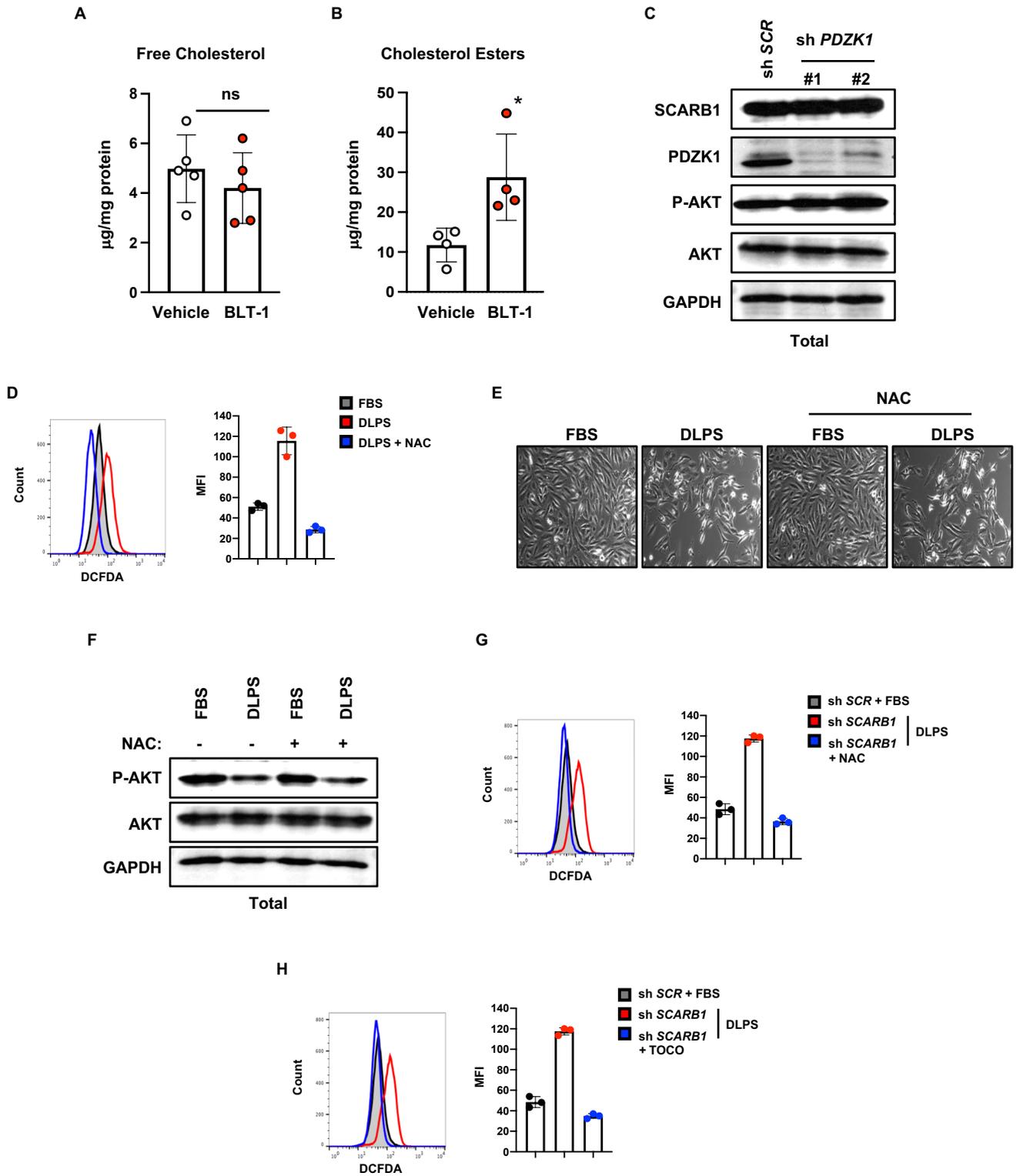


Supplemental Figure 7



Supplemental Figure 7.

A and **B**, Liquid chromatography-tandem mass spectrometry (LC/MS) analysis assessing free cholesterol and cholesterol ester species from A498 cells subcutaneously implanted in nude mice treated or not with BLT-1 (50 mg/kg) by oral gavage daily for 30 days. **C**, AKT phosphorylation, AKT, SCARB1 and PDZK1 protein expression assessed by immunoblots in shSCR and shPDZK1 A498 cells grown in media supplemented with 10% FBS. GAPDH was used as the loading control. **D**, ROS levels assessed by flow cytometry measuring DCFDA fluorescence in A498 cells cultured in 10% FBS, 10% DLPS or 10% DLPS supplemented with N-acetyl-L-cysteine (NAC) (10mM) media for 72h. Representative plots (left) and mean fluorescence intensity quantifications are shown (right). **E**, Representative photographs of A498 cells grown in media supplemented with 10% FBS or 10% DLPS and treated with or without N-acetyl-L-cysteine (NAC) (10mM) for 72h. Magnification (100X) **F**, AKT phosphorylation and AKT protein expression assessed by immunoblots in A498 cells grown in media supplemented with 10% FBS or 10% DLPS and treated with or without N-acetyl-L-cysteine (NAC) (10mM) for 72h. GAPDH was used as the loading control. **G**, ROS levels assessed by flow cytometry measuring DCFDA fluorescence in shSCR and shSCARB1 A498 cells cultured in 10% FBS, 10% DLPS or 10% DLPS supplemented with N-acetyl-L-cysteine (NAC) (10mM) media for 72h. Representative plots (left) and mean fluorescence intensity quantifications are shown (right). **H**, ROS levels assessed by flow cytometry measuring DCFDA fluorescence in shSCR and shSCARB1 A498 cells cultured in 10% FBS, 10% DLPS or 10% DLPS supplemented with a-tocopherol (0.5mM) media for 72h. Representative plots (left) and mean fluorescence intensity quantifications are shown (right). (All experiments were performed in at least triplicates and statistical analysis was applied with $*=P<0.05$, $**=P<0.01$, $***=<0.001$, n.s.=non-significant).