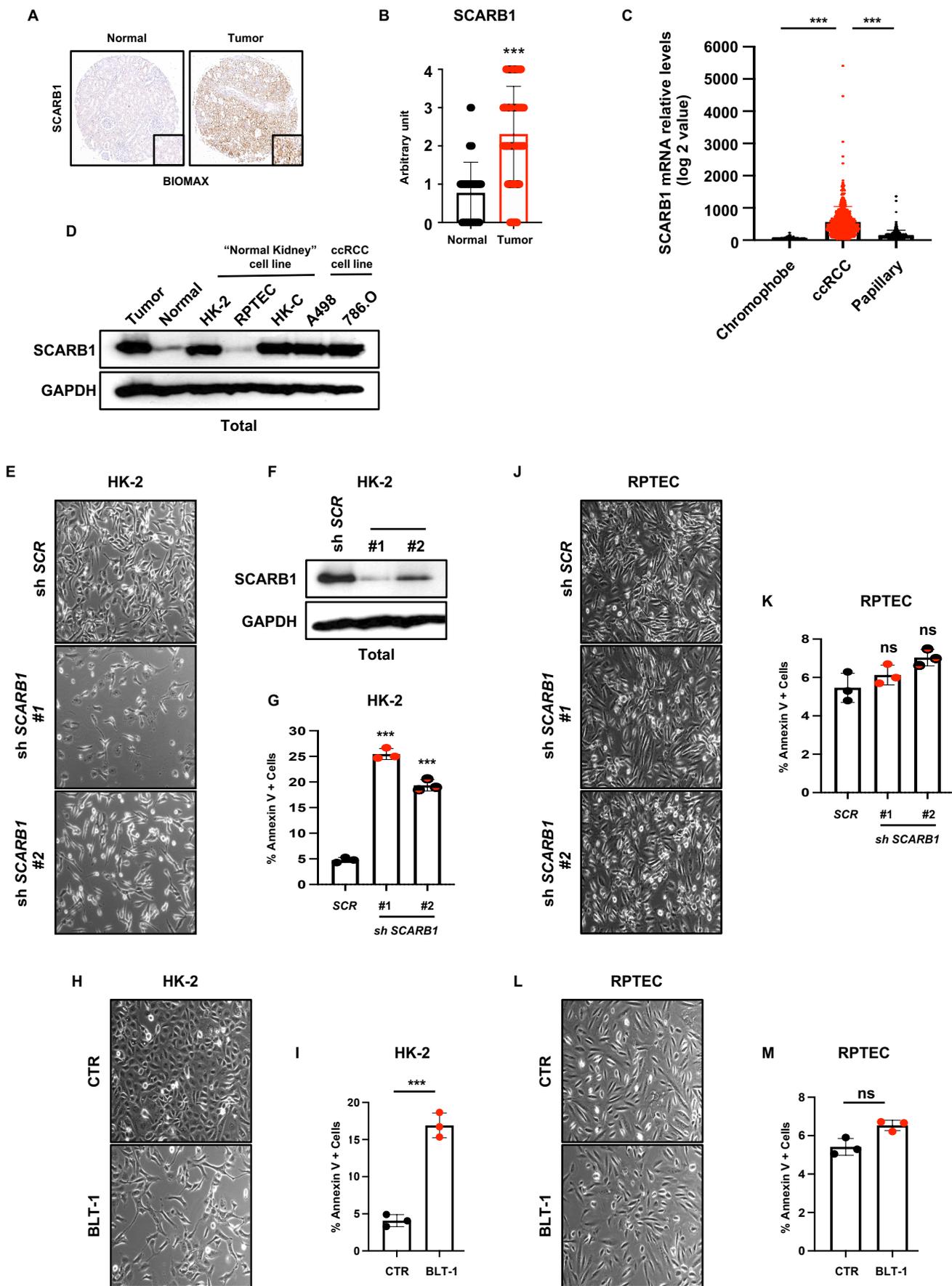


Supplemental Figure 4



Supplemental Figure 4.

A, Representative photographs of immunohistochemistry analysis performed on BIOMAX tissue microarrays for SCARB1 expression in normal kidney tissue and ccRCC tumors. Magnification (100X). **B**, Quantification of immunohistochemistry analysis performed in **A**. Normal n=40, ccRCC n=100. **C**, Representation of SCARB1 mRNA expression across RCC subtypes analyzed using cBioPortal datasets. Chromophobe n=197, ccRCC n=1461, Papillary n=574. **D**, SCARB1 protein expression in normal kidney tissue, ccRCC tumor, normal kidney cell lines and ccRCC cell lines assessed by immunoblots. GAPDH was used as the loading control. **E**, Representative photographs of shSCR and shSCARB1 HK-2 cells grown in media supplemented with 10% FBS. Magnification x100. **F**, SCARB1 protein expression assessed by immunoblots in shSCR and shSCARB1 HK-2 cells. GAPDH was used as the loading control. **G**, Annexin-V/PI staining and flow cytometry analysis performed on shSCR and shSCARB1 HK-2 cells. **H**, Representative photographs of HK-2 cells grown in media with 10% FBS and treated with BLT-1 (5mM) or vehicle control (DMSO). Magnification x100. **I**, Annexin-V/PI staining and flow cytometry analysis performed on HK-2 cells grown in media with 10% FBS and treated with BLT-1 (5mM) or vehicle control (DMSO). **J**, Representative photographs of shSCR and shSCARB1 RPTEC cells grown in media supplemented with 10% FBS. Magnification x100. **K**, Annexin-V/PI staining and flow cytometry analysis performed on shSCR and shSCARB1 RPTEC cells. **L**, Representative photographs of RPTEC cells grown in media with 10% FBS and treated with BLT-1 (5mM) or vehicle control (DMSO). Magnification x100. **M**, Annexin-V/PI staining and flow cytometry analysis performed on RPTEC cells grown in media with 10% FBS and treated with BLT-1 (5mM) or vehicle control (DMSO).