

Figure S1. ADRB1/2 expression in RCC. (A) Cancer-specific survival based on ADRB1/2 expression in clear cell RCC. (B) ADRB1/2 expression in clear cell and papillary RCC. ADRB, β -adrenergic receptor; RCC, renal cell carcinoma. Scale bar, 200 μ m.

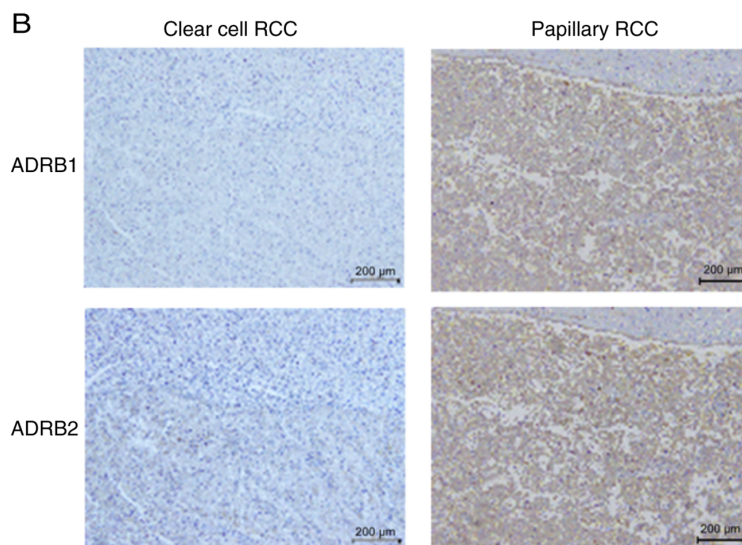
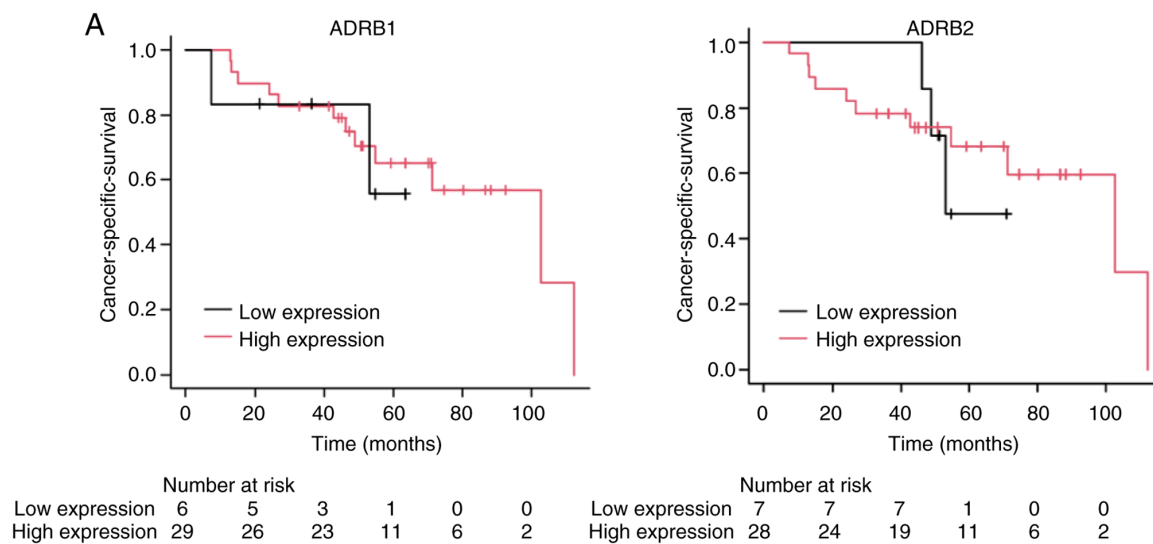


Figure S2. Full blot of ADRB1, ADRB2 and α -tubulin. (A) ADRB1, (B) ADRB2 and (C) α -tubulin. ADRB, β -adrenergic receptor.

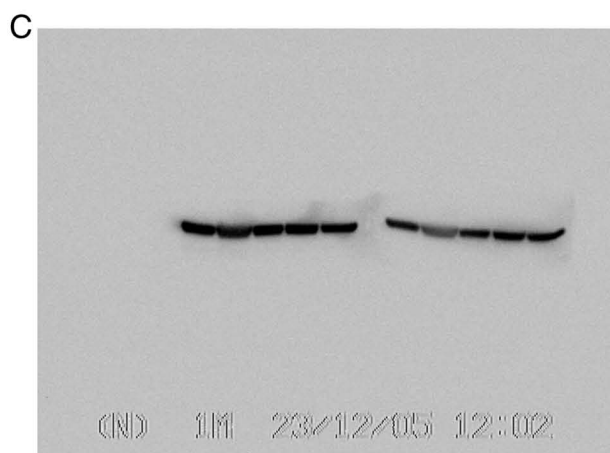
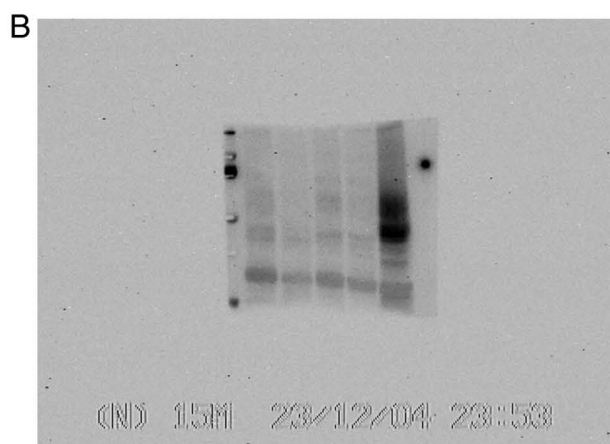
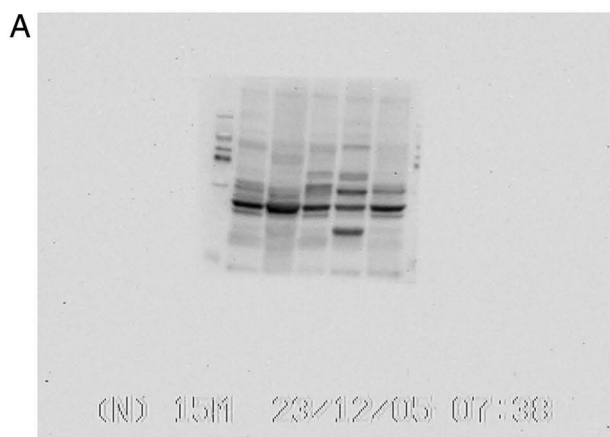


Figure S3. Full blot of si ADRB1 and siADRB2. (A) siADRB1 and (B) siADRB2. ADRB, β -adrenergic receptor; si, small interfering.

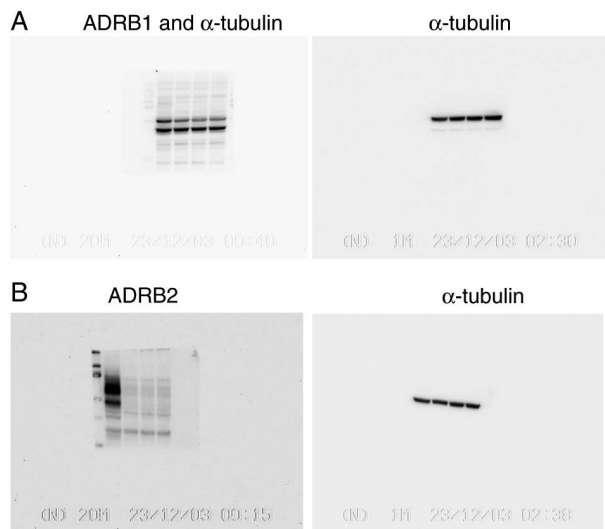


Figure S4. ADRB2 knockdown using shRNA. ADRB2 (A) mRNA and (B) protein levels in mock and shADRB2-transfected ACHN cells. sh, short hairpin; ADRB, β -adrenergic receptor. **** $P < 0.0001$.

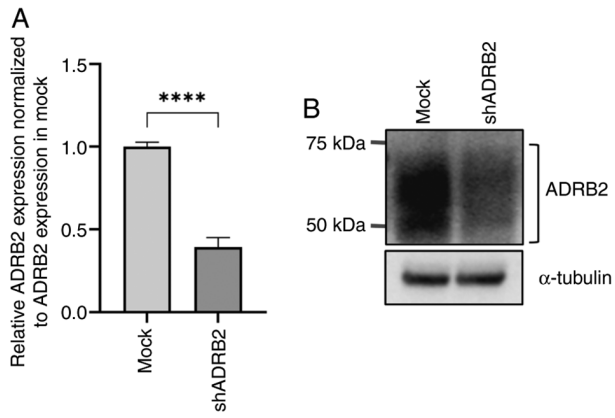


Figure S5. Full blot of DUSP1, p-p38, p38, p-JNK, JNK, p-ERK1/2, ERK1/2 and α -tubulin. (A) DUSP1, (B) p-p38, (C) p38, (D) p-JNK, (E) JNK, (F) p-ERK1/2, (G) ERK1/2 and (H) α -tubulin. DUSP1, dual-specific phosphatase 1; p-, phosphorylated.

