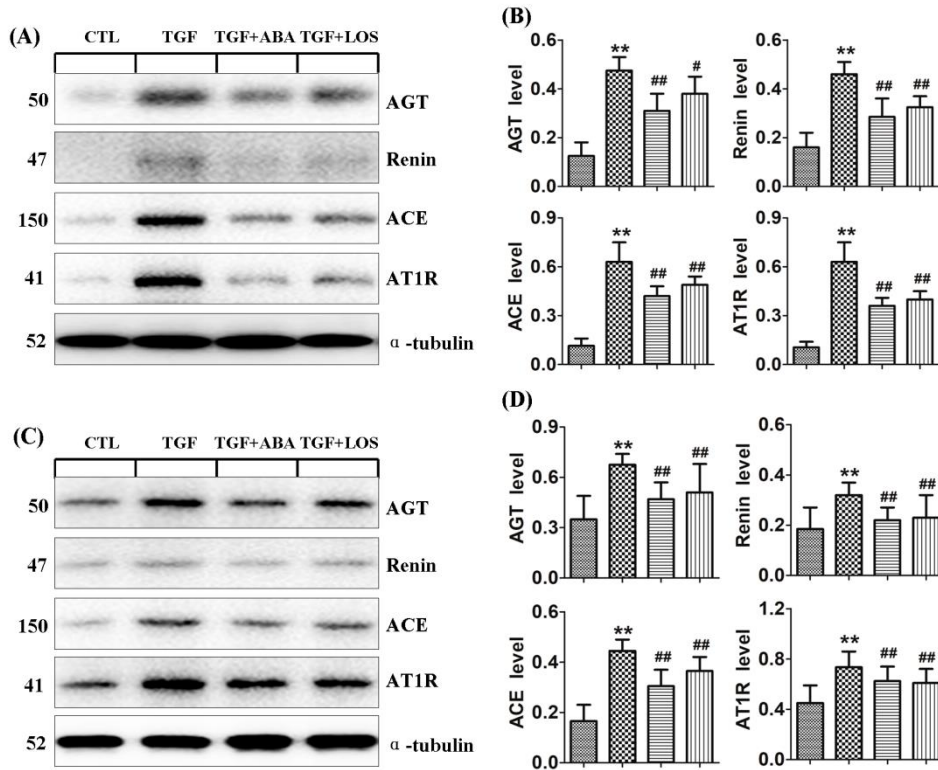
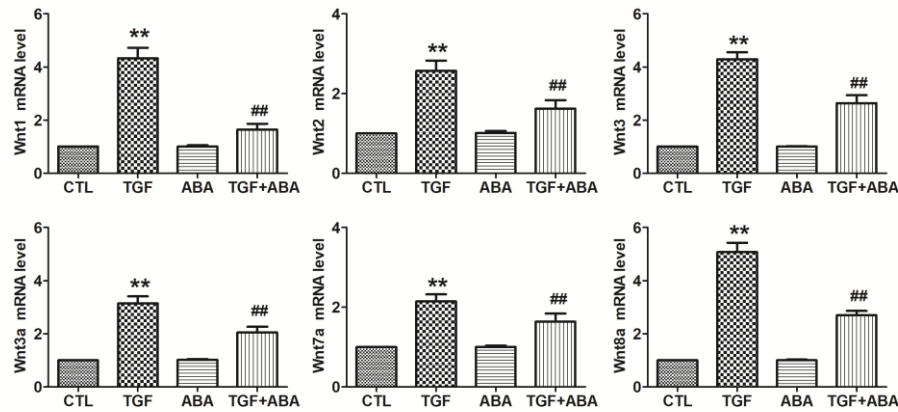


Supplementary Figure 1. Cell viability was determined after treatment with ABA on NRK-52E cells at different concentrations for 24 h. ABA did not affect the viability and cell proliferation. Data are expressed as means±SD, n = 6.



Supplementary Figure 2. ABA reduces the activation of RAS. (A and B) TGF increases the expression of AGT, renin, ACE and AT1R, while treatment with ABA significantly inhibits the expression of RAS components in NRK-52E cells. (C and D) TGF results in the upregulation of AGT, renin, ACE and AT1R protein, while treatment with ABA significantly decreases these proteins in NRK-49F cells. CTL, control. TGF, TGF-β1. *P<0.05; **P<0.01 versus CTL group. #P<0.05; ##P<0.01 versus TGF group.



Supplementary Figure 3. RT-PCR demonstrates mRNA expressions of various Wnts in TGF- β 1-treated NRK-49F cells. ABA treatment significantly reduced mRNA expression of Wnt1, Wnt2, Wnt3, Wnt3a, Wnt7a and Wnt8a in TGF- β 1-treated NRK-49F cells. CTL, control. TGF, TGF- β 1. *P<0.05; **P<0.01 versus CTL group. #P<0.05; ##P<0.01 versus TGF group.

Supplementary Table 1. Primers for qRT-PCR.

Gene	Forward	Reverse	Product size
vimentin	CTTCCCTGAACCTGAGAGAAAC	GTCTCTGGTTTCAACCGTCTTA	98
E-cadherin	GAGGTCTTTGAGGGATCTGTTG	GGCAGCATTTGATAGGTGTTTATG	105
collagen1	ACTGGTACATCAGCCCAAAC	GGAACCTTCGCTTCCATACTC	98
α -SMA	AGGGAGTGATGGTTGGAATG	GGTGATGATGCCGTGTTCTA	110
FN	GTGATCTACGAGGGACAGC	GCTGGTGGTGAAGTCAAAG	78
FSP1	AGGAGGCCCTGGATGTAATA	CTCCTTGAGCTCTGTCTTGTTTC	92
Wnt1	CATCGTGAACATAGCCTCCTC	ATCAGTCGTCGCTGCTTG	108
Wnt2	GCCTTTGTTTACGCCATCTC	GATCGCAGGAACAGGACTTTA	91
Wnt3	GCAAATGCCATGGGTTGTC	CGTACTTGTCCTTGAGGAAGTC	99
Wnt3a	TGCAAATGCCACGGACTAT	GGTGTCTTCTCTACCACCATCTC	133
Wnt7a	GATCCTGGAGGAGAACATGAAA	GTAGCCTAGCTCTCGGAATTG	109
Wnt8a	CATGTACGCTGTCACCAAGA	CCACCTGCTTTCCATTATTTG	84
GAPDH	ACTCCATTCTTCCACCTTTG	CCCTGTTGCTGTAGCCATATT	105