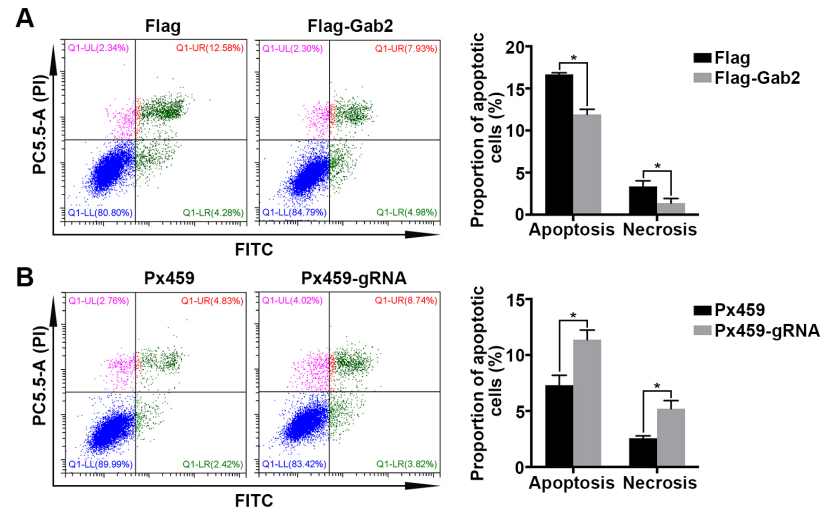


Supplementary Figure 1

Supplementary Figure 1 Gab2 protein expression was up-regulated in HCC samples. (A) The expression of Gab2 was detected in 30 HCC patients by western blotting. P, para-carcinoma. T, Tumor.



Supplementary Figure 2

Supplementary Figure 2 Effects of Gab2 on cell apoptosis of HepG2. (A) The number and proportion of apoptotic cells in Flag and Flag-Gab2 group cells. (B) The number and proportion of apoptotic cells in Px459 and Px459-gRNA group cells. * $P < 0.05$.

Supplementary Table 1. Description of primers used for qRT-PCR

Gene	Sense primer(5'-3')	Antisense primer(5'-3')
<i>Human</i>		
<i>c-Myc</i>	5'-GGCTCCTGGCAAAGGTCA-3'	5'-CTGCGTAGTTGTGCTGATGT-3'
<i>Bcl-2</i>	5'-GGTGGGGTCATGTGTGTGG-3'	5'-CGGTTCAAGGTA CT CAGTCATCC-3'
<i>MMP7</i>	5'-GAGTGAGCTACAGTGGGAACA-3'	5'-CTATGACGCGGGAGTTTAAACAT-3'
<i>Gapdh</i>	5'-GGAGCGAGATCCCTCCAAAAT-3'	5'-GGCTGTTGTCATACTTCTCATGG-3'
<i>Mouse</i>		
<i>c-Myc</i>	5'-CCCTATTTTCATCTGCGACGAG-3'	5'-GAGAAGGACGTAGCGACCG-3'
<i>Bcl-2</i>	5'-GCTACCGTCGTGACTTCGC-3'	5'-CCCCACCGAACTCAAAGAAGG-3'
<i>MMP7</i>	5'-TCGCAAGGAGAGATCATGGAG-3'	5'-CTGCGTCCTCACCATCAGTC-3'
<i>CyclinD1</i>	5'-TGACTGCCGAGAAGTTGTGC-3'	5'-CTCATCCGCCTCTGGCATT-3'
<i>Gapdh</i>	5'-GGTGAAGGTCGGTGTGAACG-3'	5'-CTCGCTCCTGGAAGATGGTG-3'