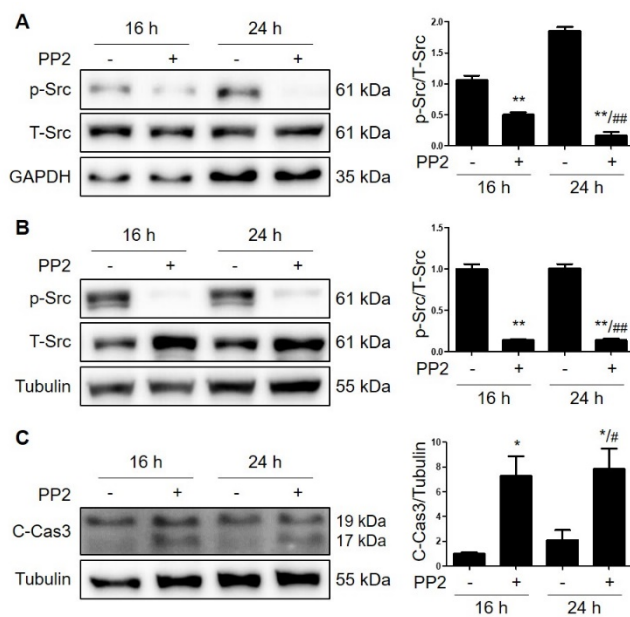
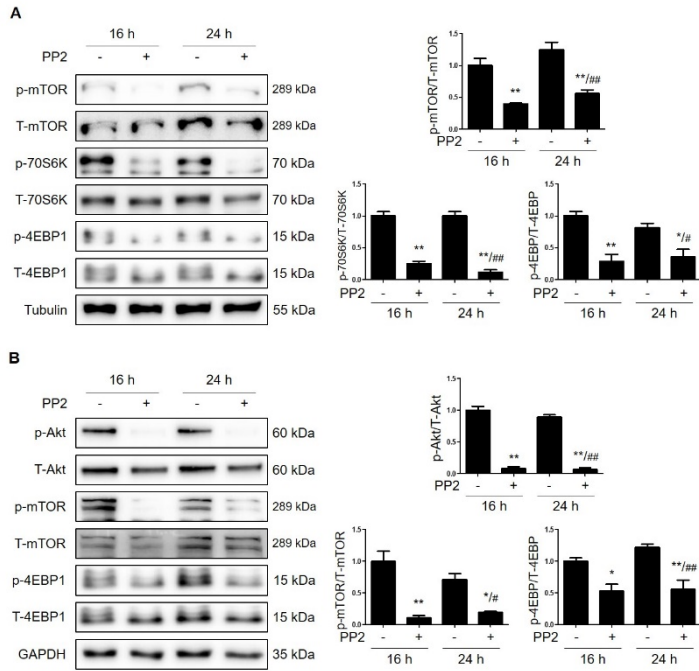


**Table S1.** Correlation between TZAP expression and the clinical parameters in CRC

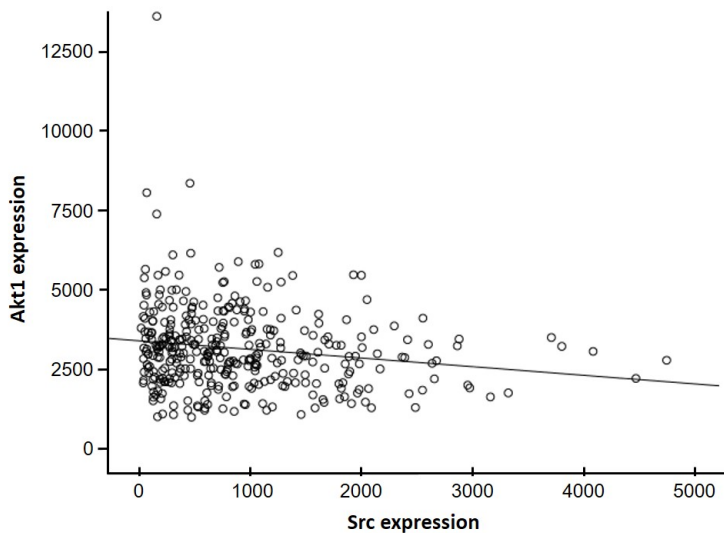
		Src	STAT3	Akt1	Age	AFP
Src	R	1	-.100	-.165 <sup>***</sup>	-.099	.025
	P		.058	.002	.060	.682
STAT3	R	-.100	1	.104 <sup>*</sup>	.006	-.094
	P	.058		.048	.903	.119
Akt1	R	-.165 <sup>***</sup>	.104 <sup>*</sup>	1	.116 <sup>*</sup>	-.025
	P	.002	.048		.027	.677
Age	R	-.099	.006	.116 <sup>*</sup>	1	.075
	P	.060	.903	.027		.212



**Figure S1.** PP2 induced apoptosis in HCC cells. (A) Hep3B, (B) SNU182, and (C) SNU423 cells were treated with 10 μM PP2 for 24 h. Western blot analyses show the effects of PP2 on cleaved caspase 3 expression levels. \*P<0.05 and \*\*P<0.01 relative to the 16 h control. #P<0.05 and ###P<0.01 relative to the 24 h control (without kahweol).



**Figure S2. PP2 blocks mTOR activation in HCC cells.** (A) Hep3B and (B) SNU182 cells were treated with 10  $\mu$ M PP2 for 24 h. Western blot analyses showing the effects of PP2 on p-Akt, p-mTOR, p-p70S6K, and p-4EBP1 expression levels. \* $P < 0.05$  and \*\* $P < 0.01$  relative to the 16 h control. # $P < 0.05$  and ## $P < 0.01$  relative to the 24 h control (without kahweol).



**Figure S3. The correlation among the expressions of Src and Akt in HCC tissue.** TCGA data showed that Src had a positive correlation with Akt.