

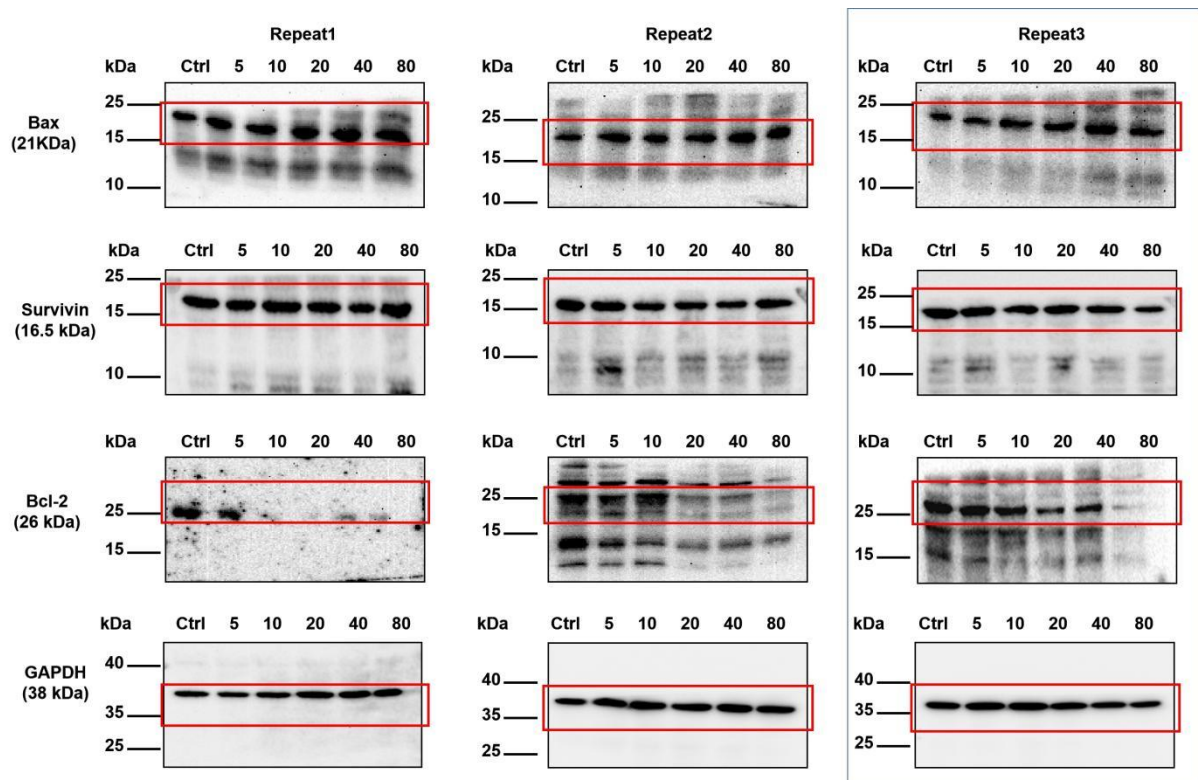
6-Shogaol exhibits a promoting effect with Tax via binding HSP60 in non-small cell lung cancer

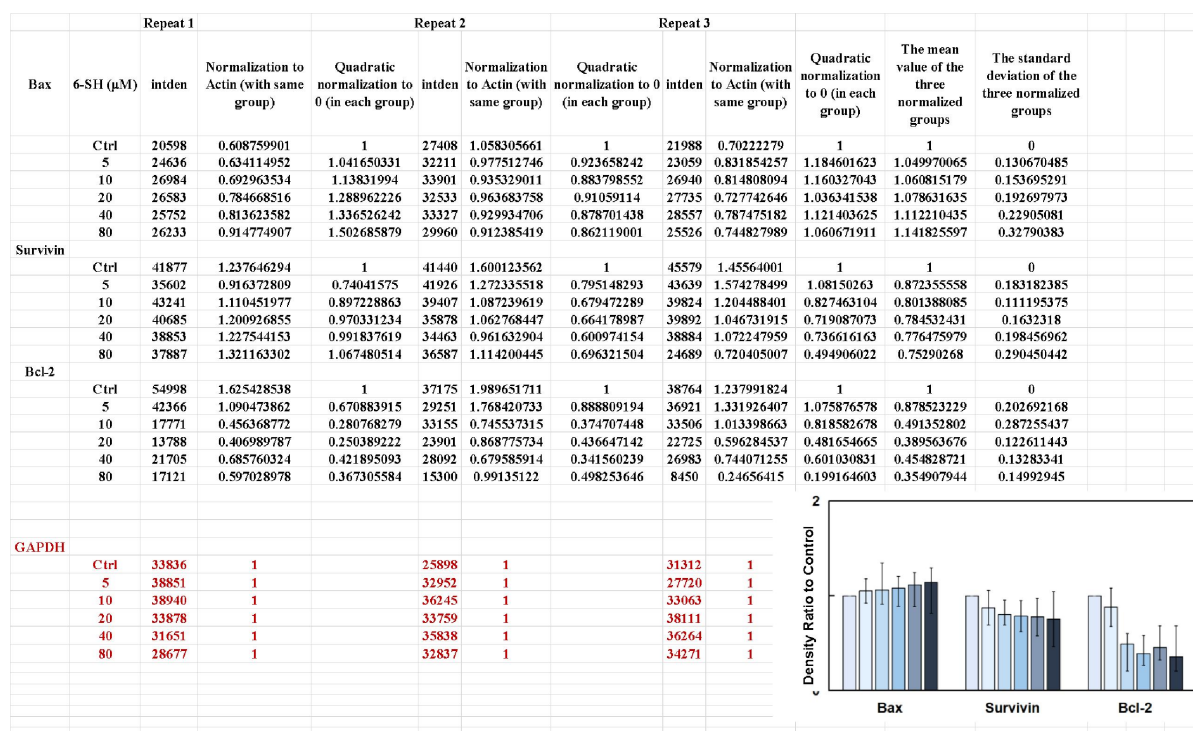
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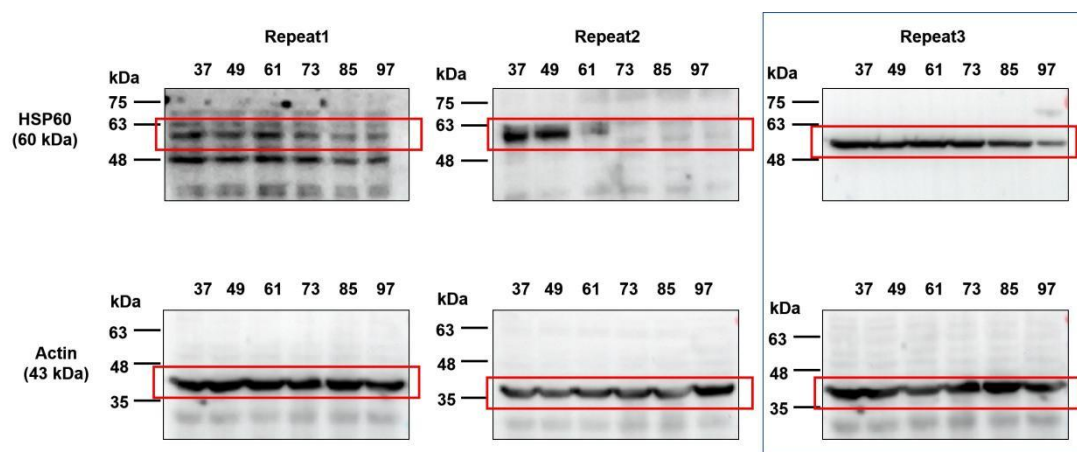
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In this section, we have provided all the original blots. Each experiment was repeated three times. We have marked the molecular weight markers on the Western blotting images in the final figures of the manuscript. Image software was used for all sensitivity analyses, and we adopt the relative quantitative statistics and normalized the value.

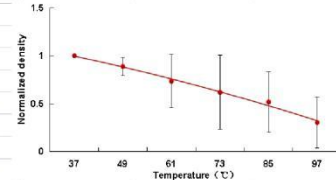




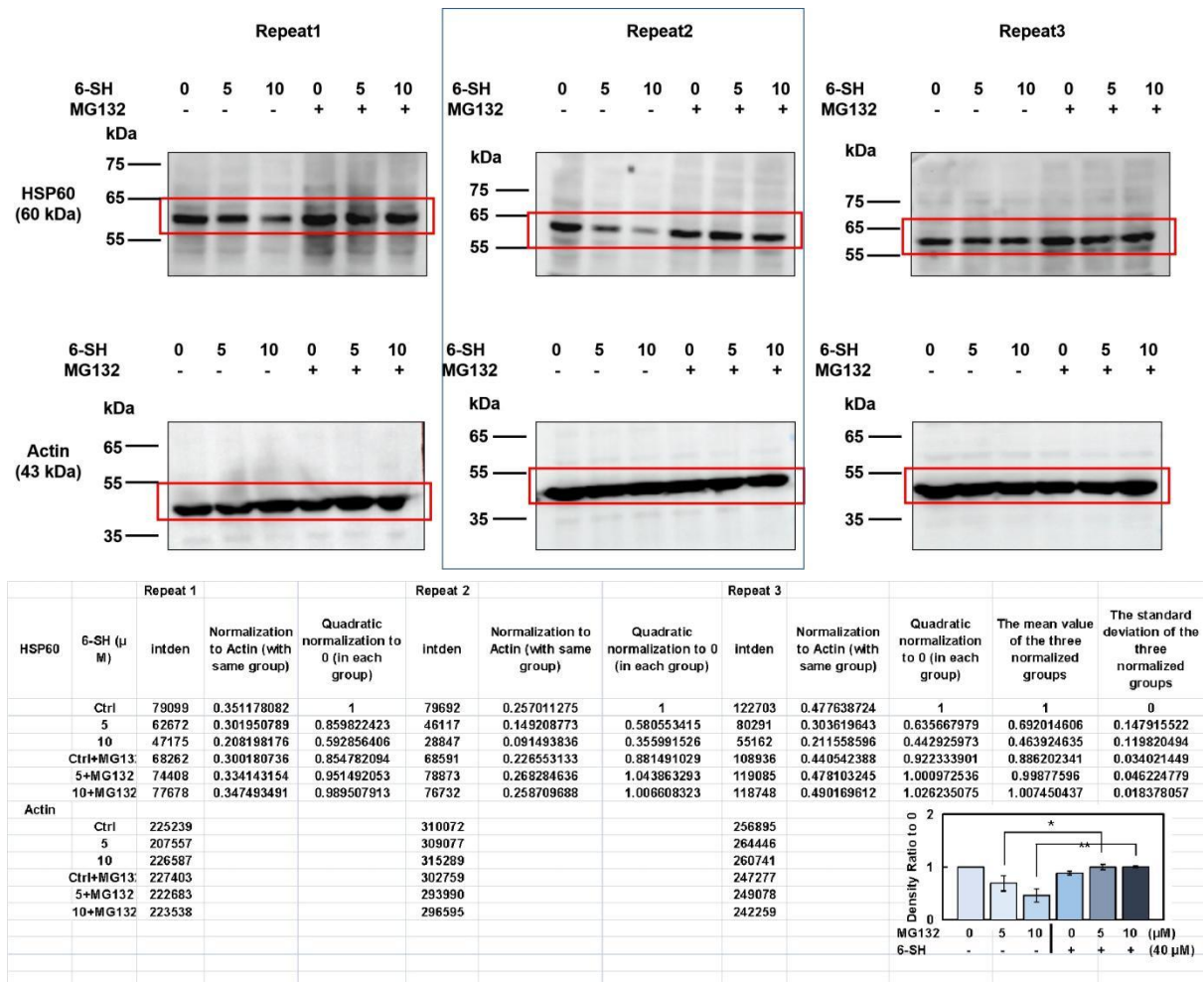
Supplement Figure S1 Original unedited bands for evaluating 6-SH treatment (0-80 μM) affected apoptotic proteins measured by western blotting in Fig. 2D. Image software was used for sensitivity analysis, and the relative quantitative statistics and normalized the intensity value against “Ctrl” group were adopted. Western blotting was performed 3 times. The “Repeat 3” was used in the manuscript.



Repeat 1			Repeat 2			Repeat 3			The mean value of the three normalized groups	The standard deviation of the three normalized groups
intden	Normalization to Actin (with same group)	Quadratic normalization to 0 (in each group)	intden	Normalization to Actin (with same group)	Quadratic normalization to 0 (in each group)	intden	Normalization to Actin (with same group)	Quadratic normalization to 0 (in each group)		
148863	1.509567704	1	125947	1.461356385	1	56800	0.562326129	1	1	0
139586	1.503058104	0.995687772	118451	1.243175449	0.850699708	47940	0.459657702	0.817421915	0.887936465	0.094787188
136572	1.430717496	0.947766365	58848	0.617250024	0.422381583	46719	0.467213361	0.830858351	0.733668767	0.275847156
135448	1.492391939	0.988622064	27313	0.320993313	0.219654368	38264	0.363291115	0.646050568	0.618109	0.385244569
115521	1.296677517	0.858972747	32122	0.339380236	0.232236462	31035	0.25912814	0.460814689	0.517341299	0.317168781
49950	0.540397265	0.35798147	21856	0.022255509	0.015229351	29174	0.302095846	0.537225339	0.30347872	0.26523172
98613	1		86185	1		101009	1			
92868	1		95281	1		104295	1			
95457	1		95339	1		99995	1			
90759	1		85089	1		105326	1			
89090	1		94649	1		119767	1			
92432	1		982049	1		96572	1			

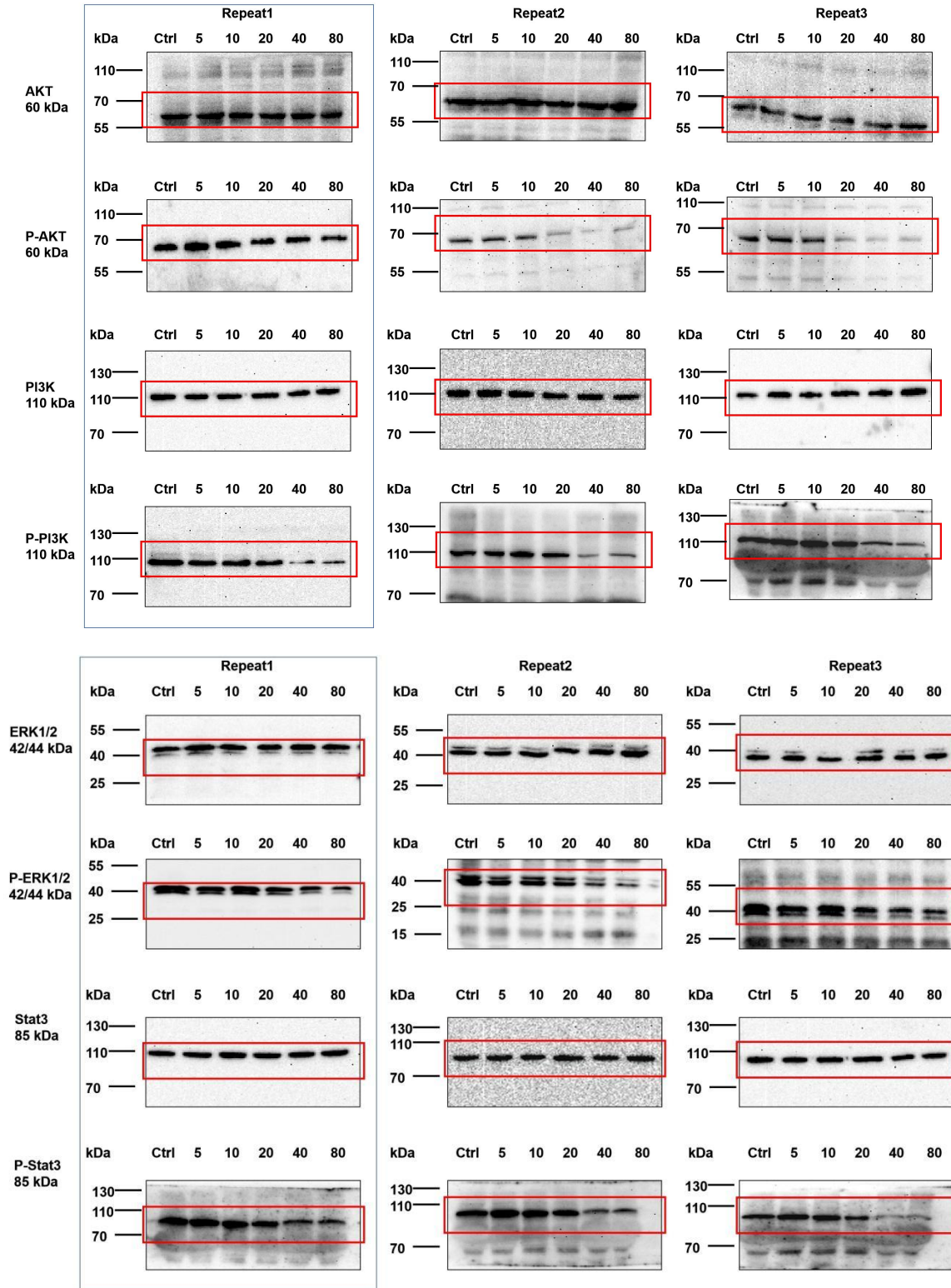


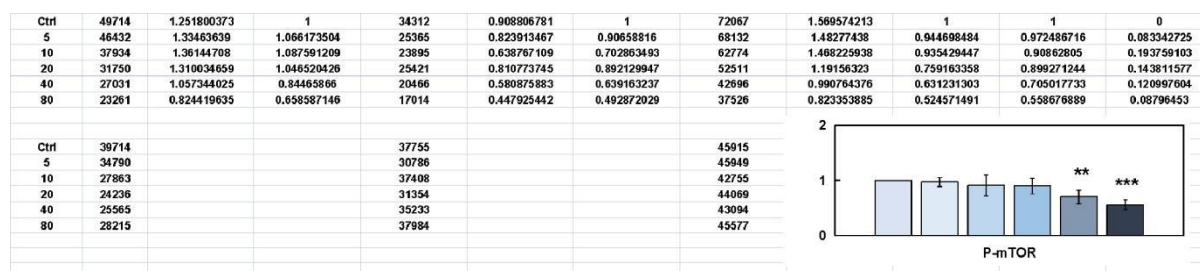
Supplement Figure S2 Original unedited bands for evaluating 6-SH treatment (20 μ M) affected the HSP60 in different Temp. by western blotting in Fig. 4D. Image software was used for sensitivity analysis, and the relative quantitative statistics and normalized the intensity value against “37” group were adopted. Western blotting was performed 3 times. The “Repeat 3” was used in the manuscript.



Supplement Figure S3 Original unedited bands for evaluating the expression levels of HSP60 after

treating with MG132 by western blotting in Fig. 4G. Image software was used for sensitivity analysis, and the relative quantitative statistics and normalized the intensity value against first group were adopted. Western blotting was performed 3 times. The “Repeat 2” was used in the manuscript.





Supplement Figure S4 Original unedited bands for evaluating 6-SH treatment (0-80 μ M) affected the relevant signaling molecules in A549 cells by western blotting in Fig. 6A. Image software was used for sensitivity analysis, and the relative quantitative statistics and normalized the intensity value against “Ctrl” group were adopted. Western blotting was performed 3 times. The “Repeat 1” was used in the manuscript.