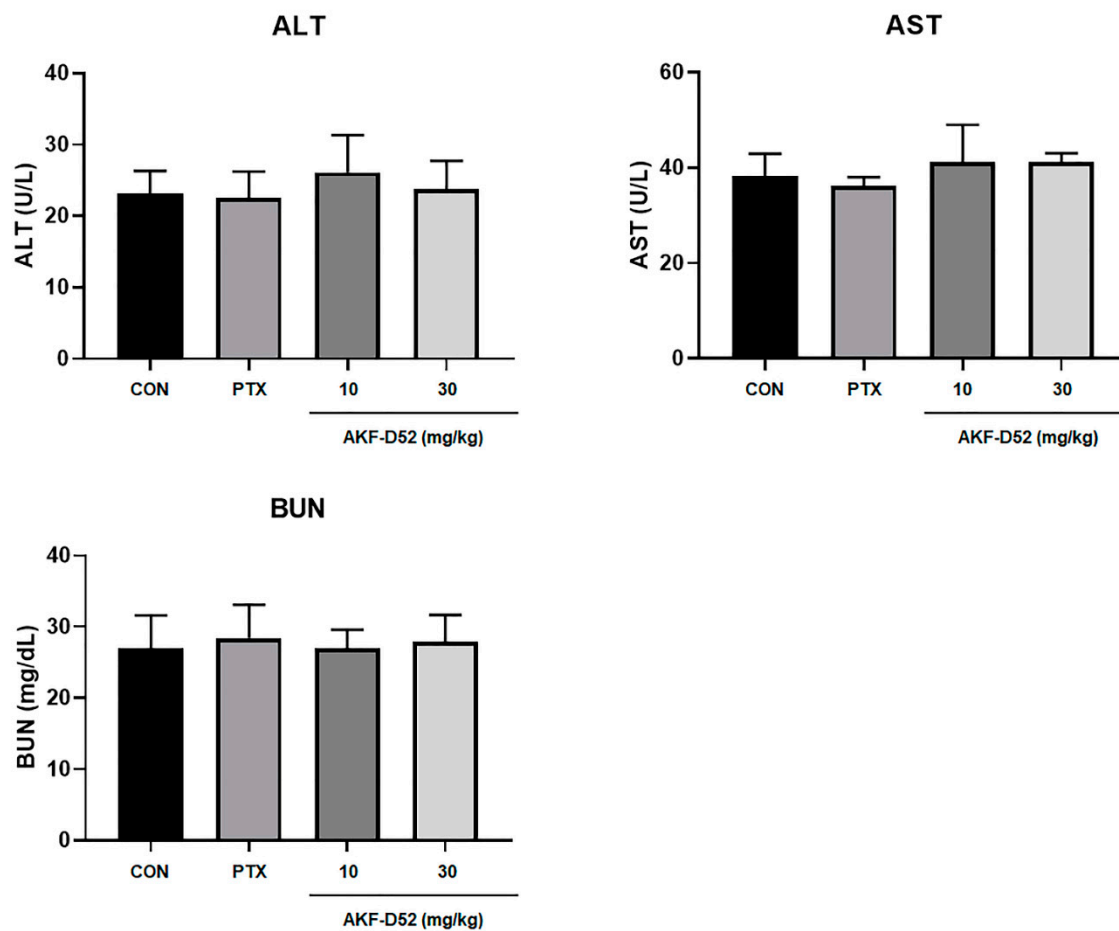
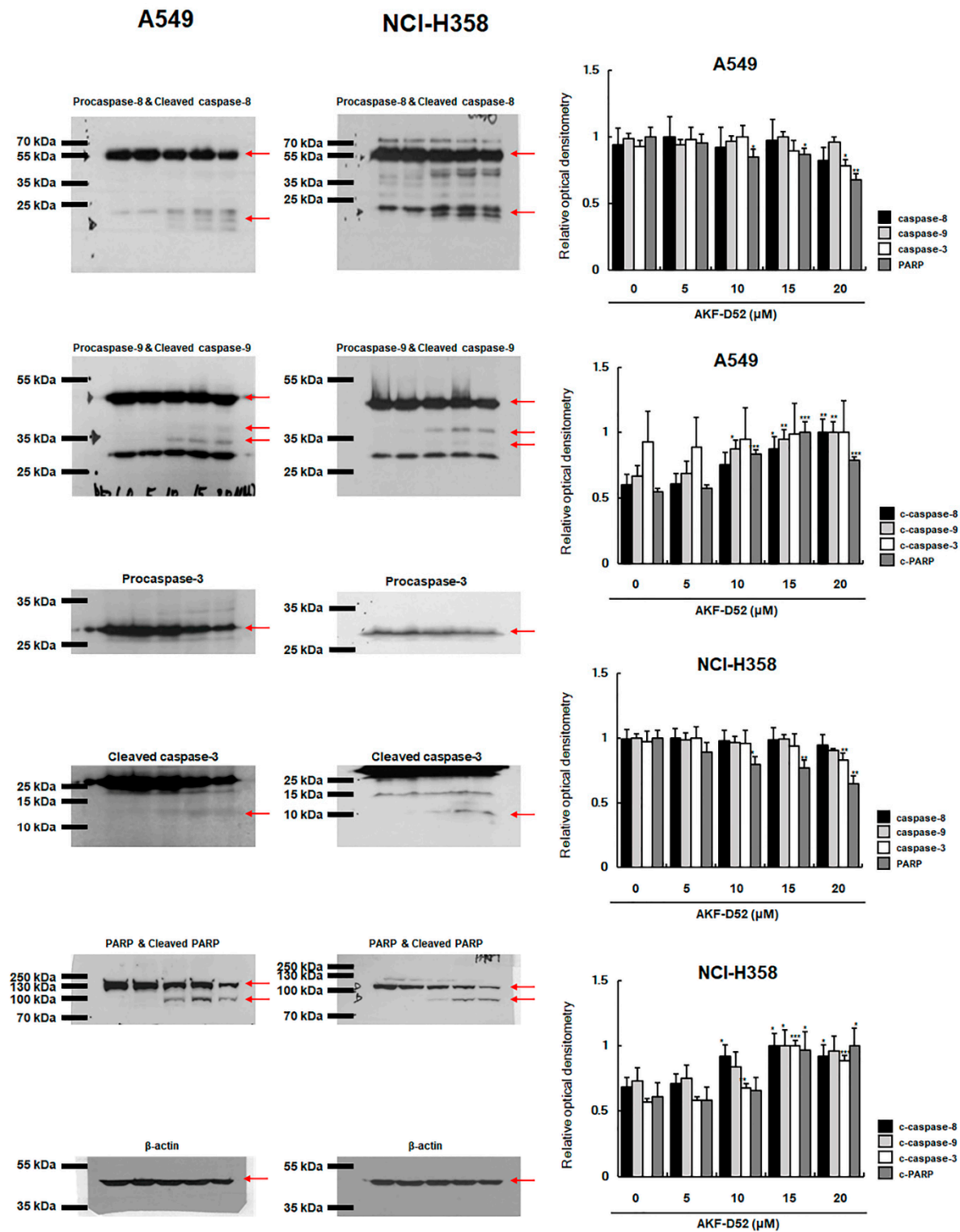


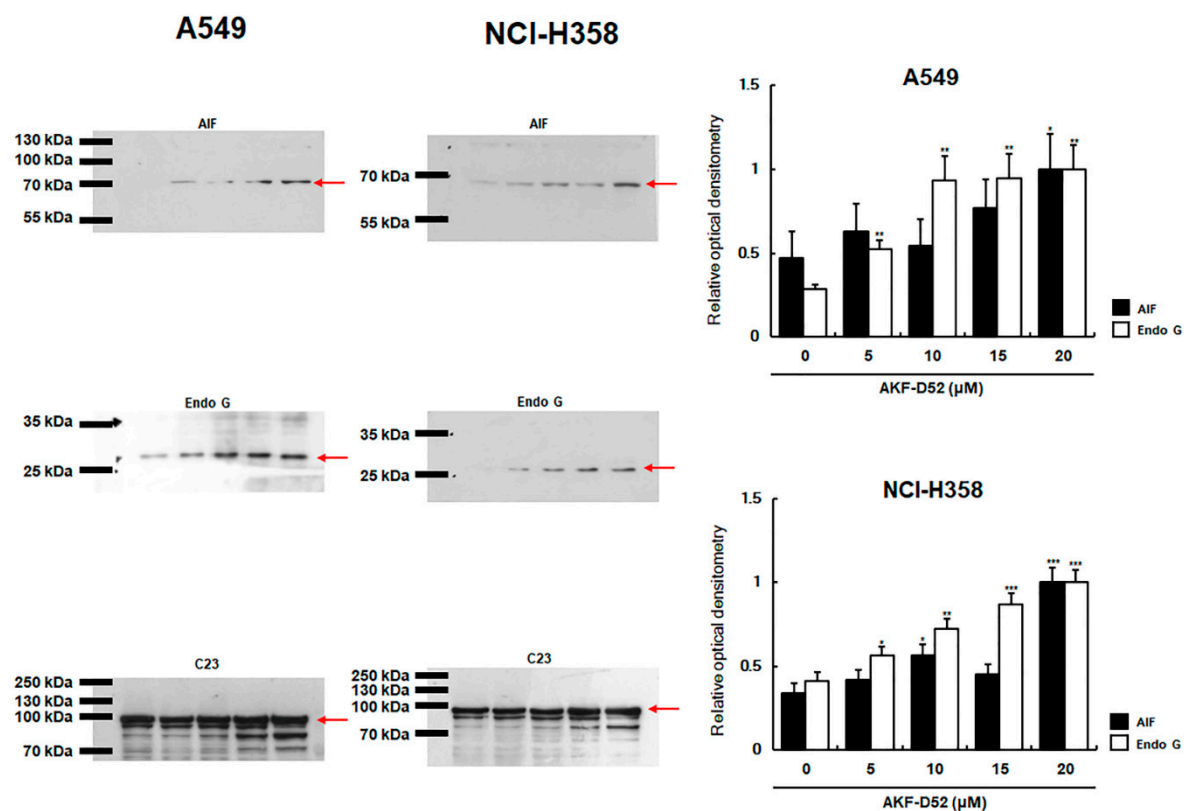
## Supplementary Figures



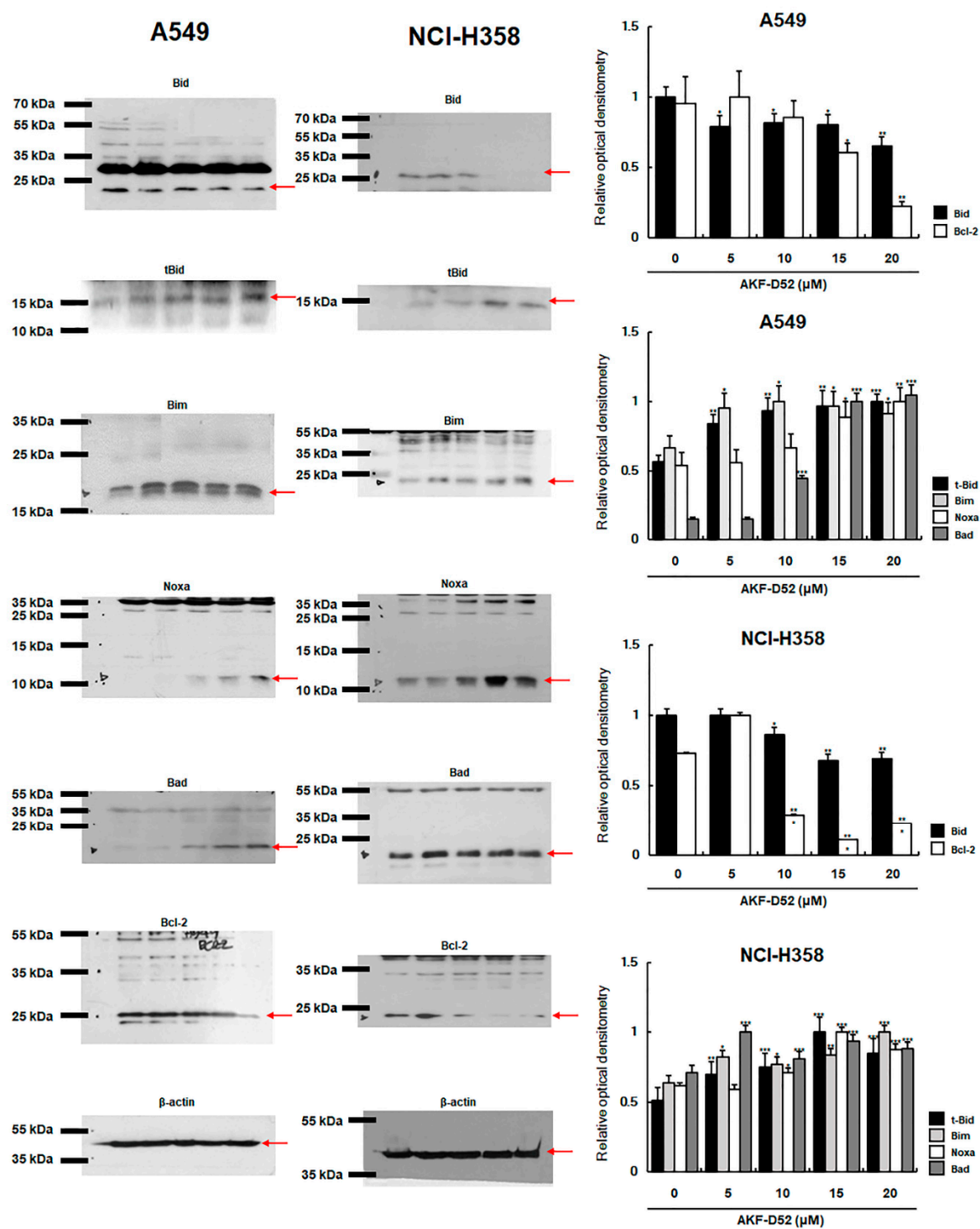
**Figure S1.** Evaluation of the toxicity of AKF-D52 and paclitaxel in an A549 xenograft model. ALT, AST, and BUN levels were examined using plasma samples from the mice of each group.



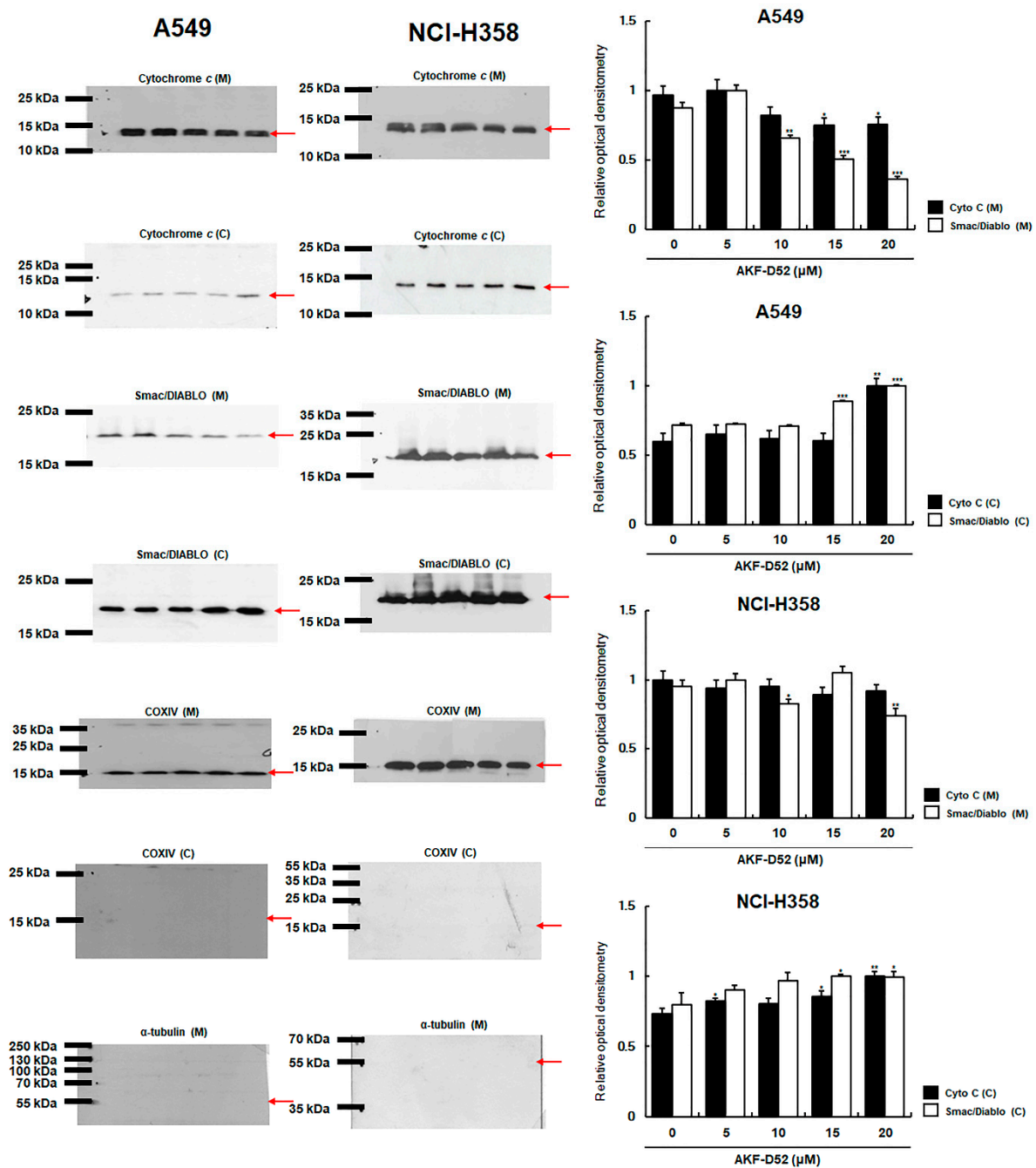
**Figure S2.** Original images and densitometer analysis of Western blot data in Figure 2A.



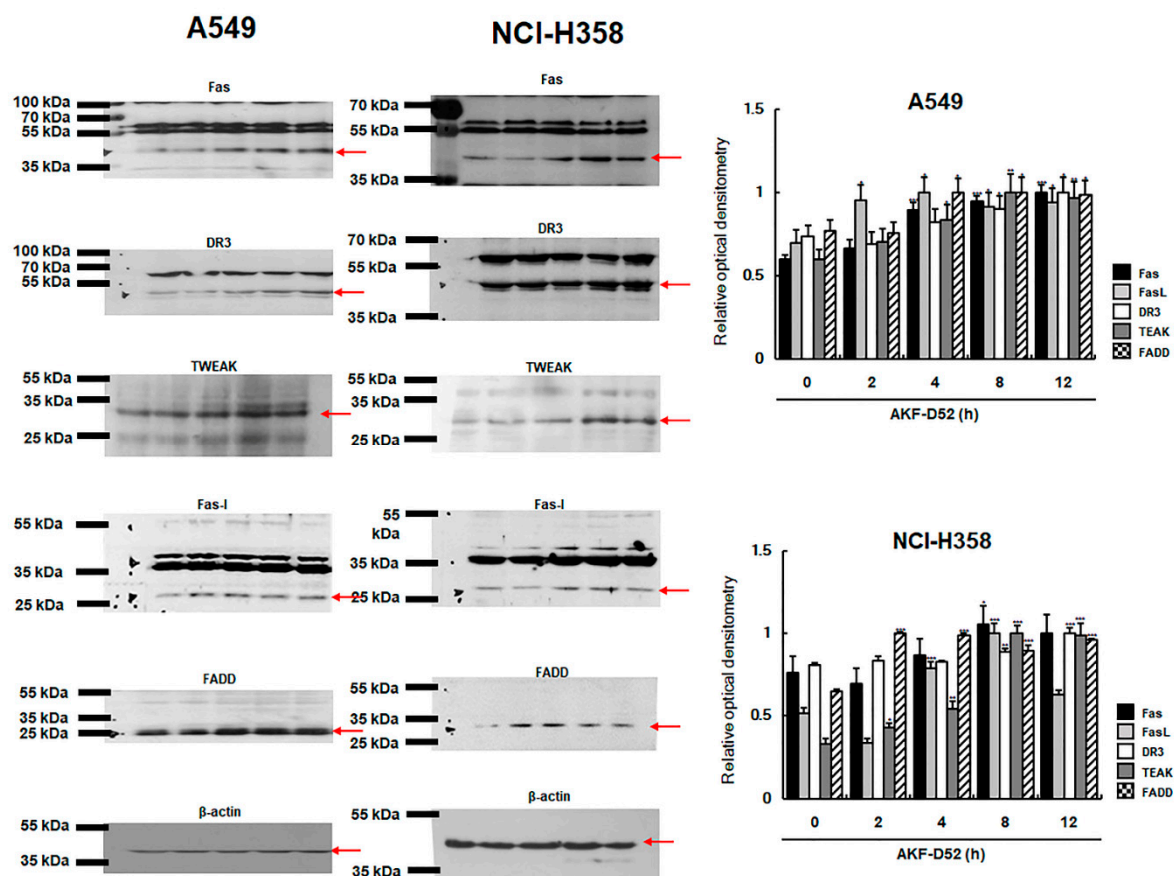
**Figure S3.** Original images and densitometer analysis of Western blot data in Figure 2C.



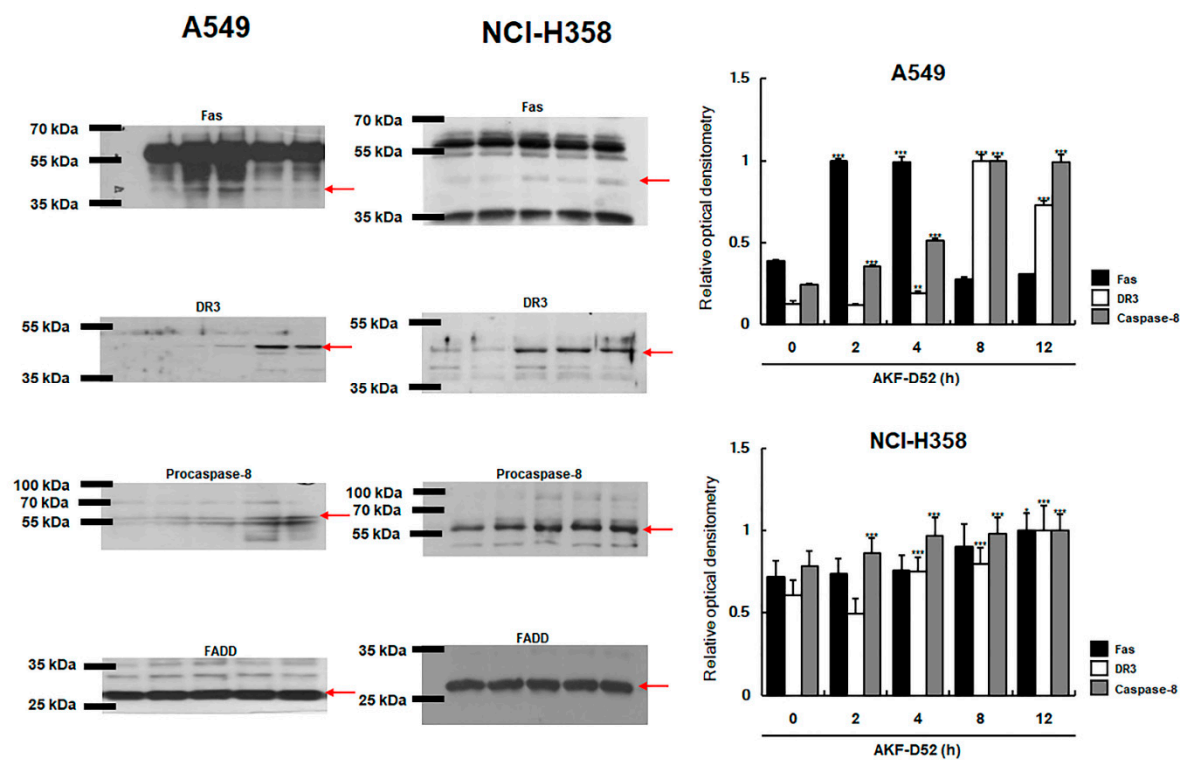
**Figure S4.** Original images and densitometer analysis of Western blot data in Figure 3A.



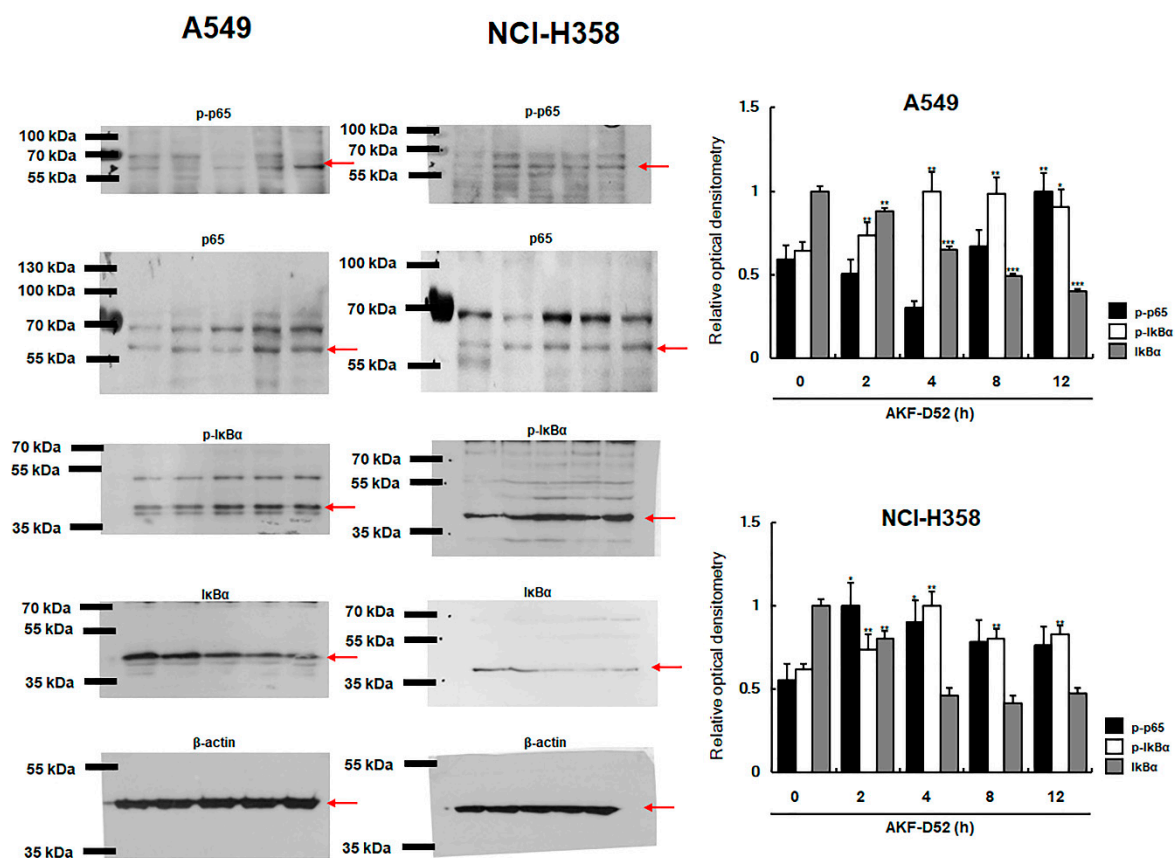
**Figure S5.** Original images and densitometer analysis of Western blot data in Figure 3C.



**Figure S6.** Original images and densitometer analysis of Western blot data in Figure 4A.

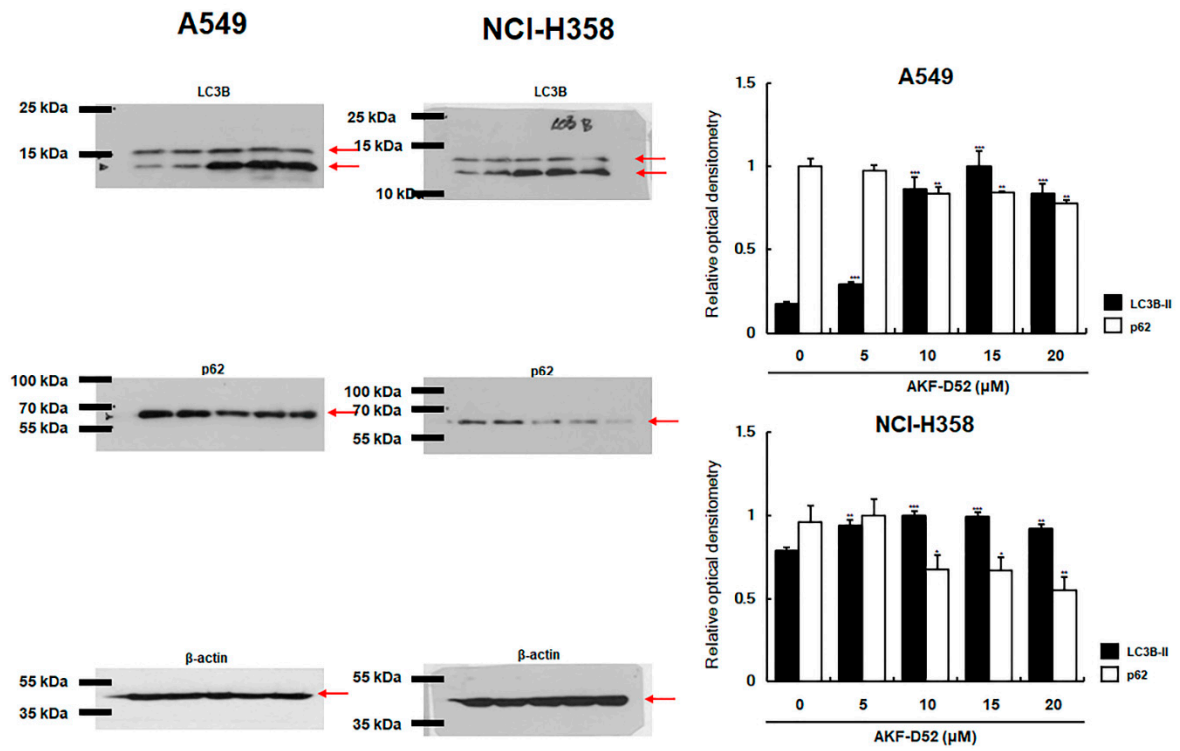


**Figure S7.** Original images and densitometer analysis of Western blot data in Figure 4B.

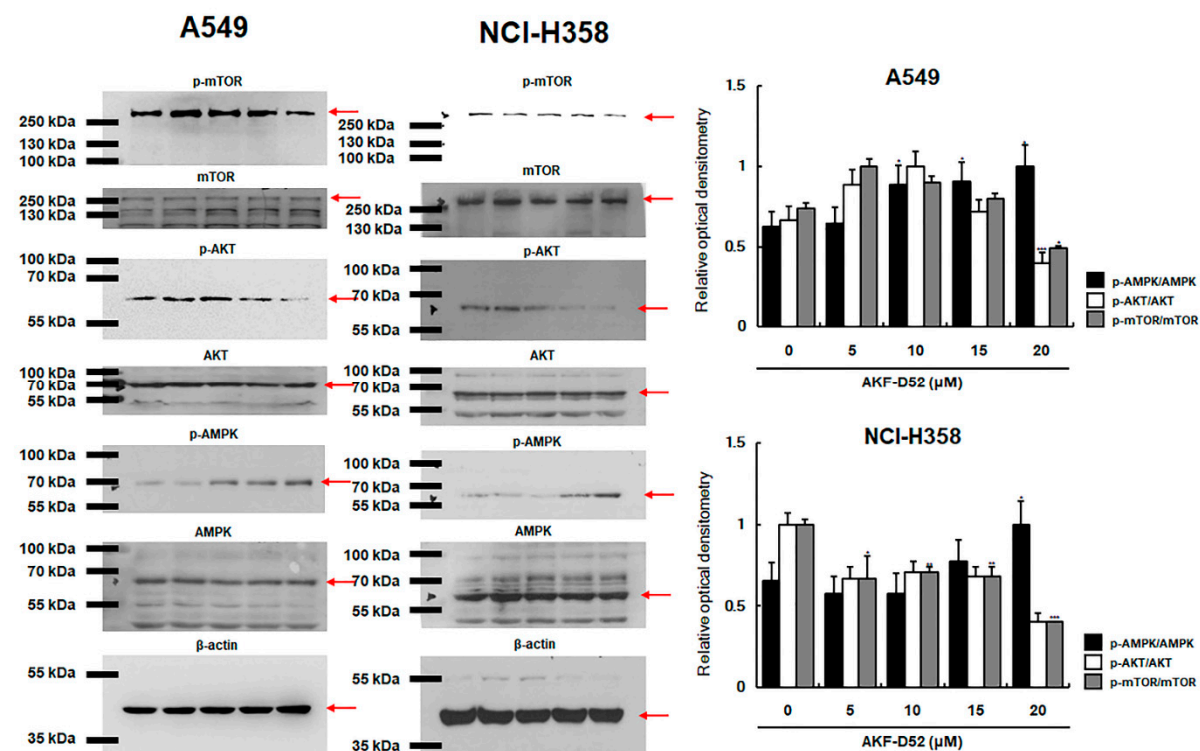


**Figure S8.** Original images and densitometer analysis of Western blot data in Figure 4C.

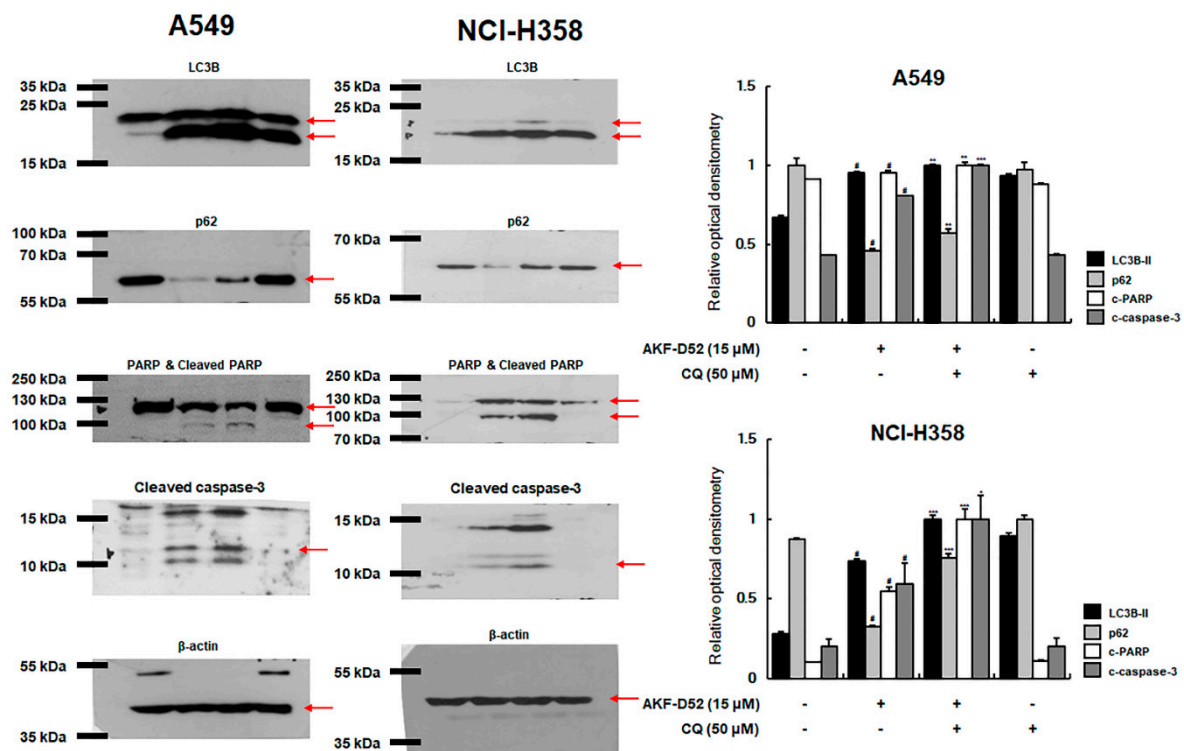




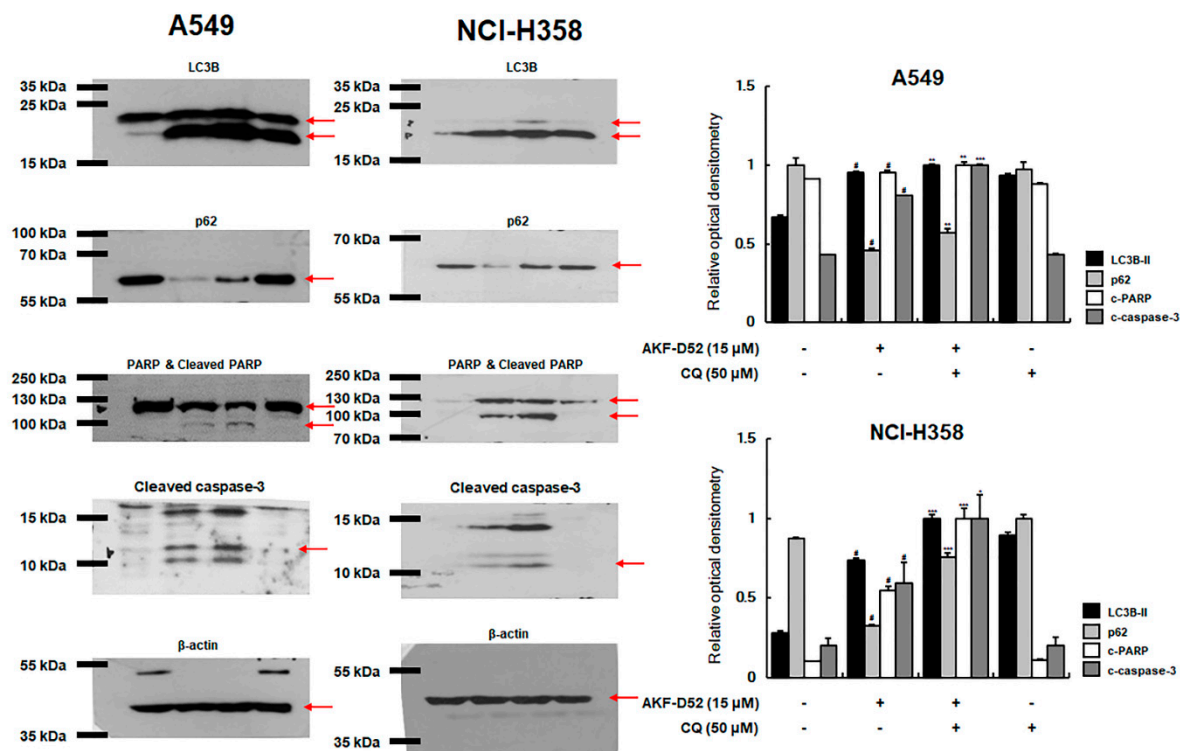
**Figure S9.** Original images and densitometer analysis of Western blot data in Figure 5B.



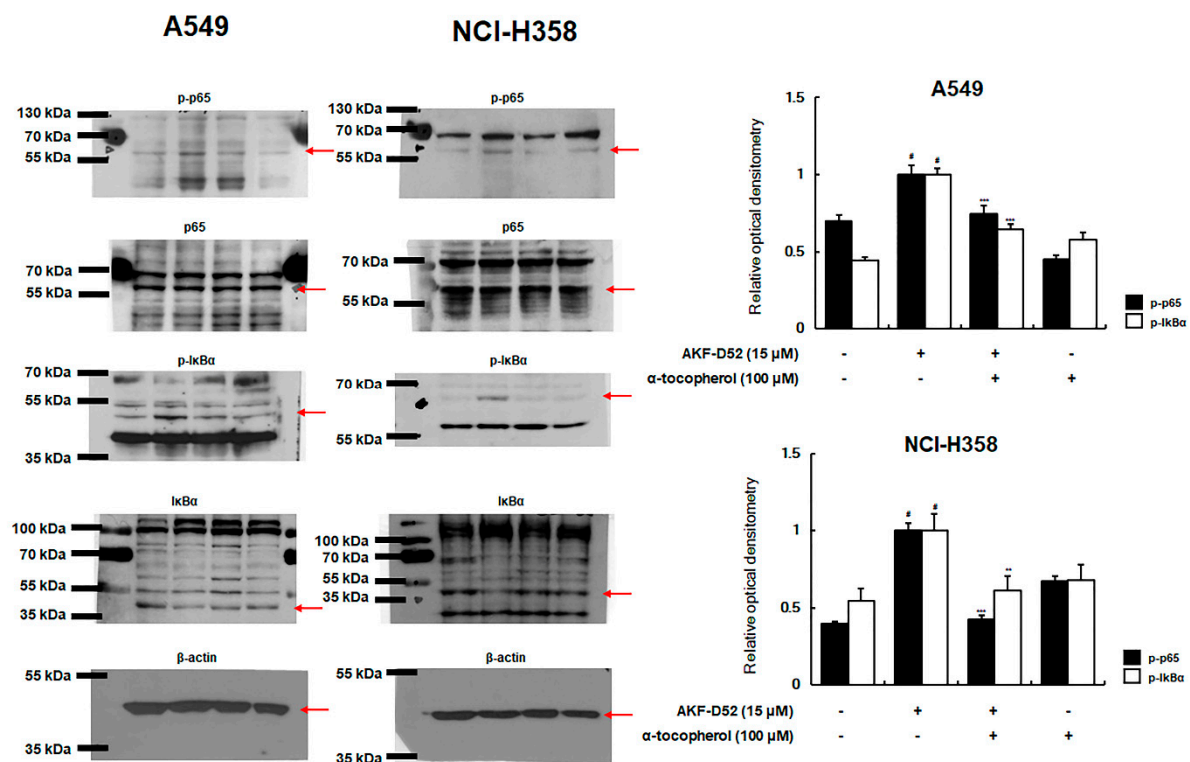
**Figure S10.** Original images and densitometer analysis of Western blot data in Figure 5C.



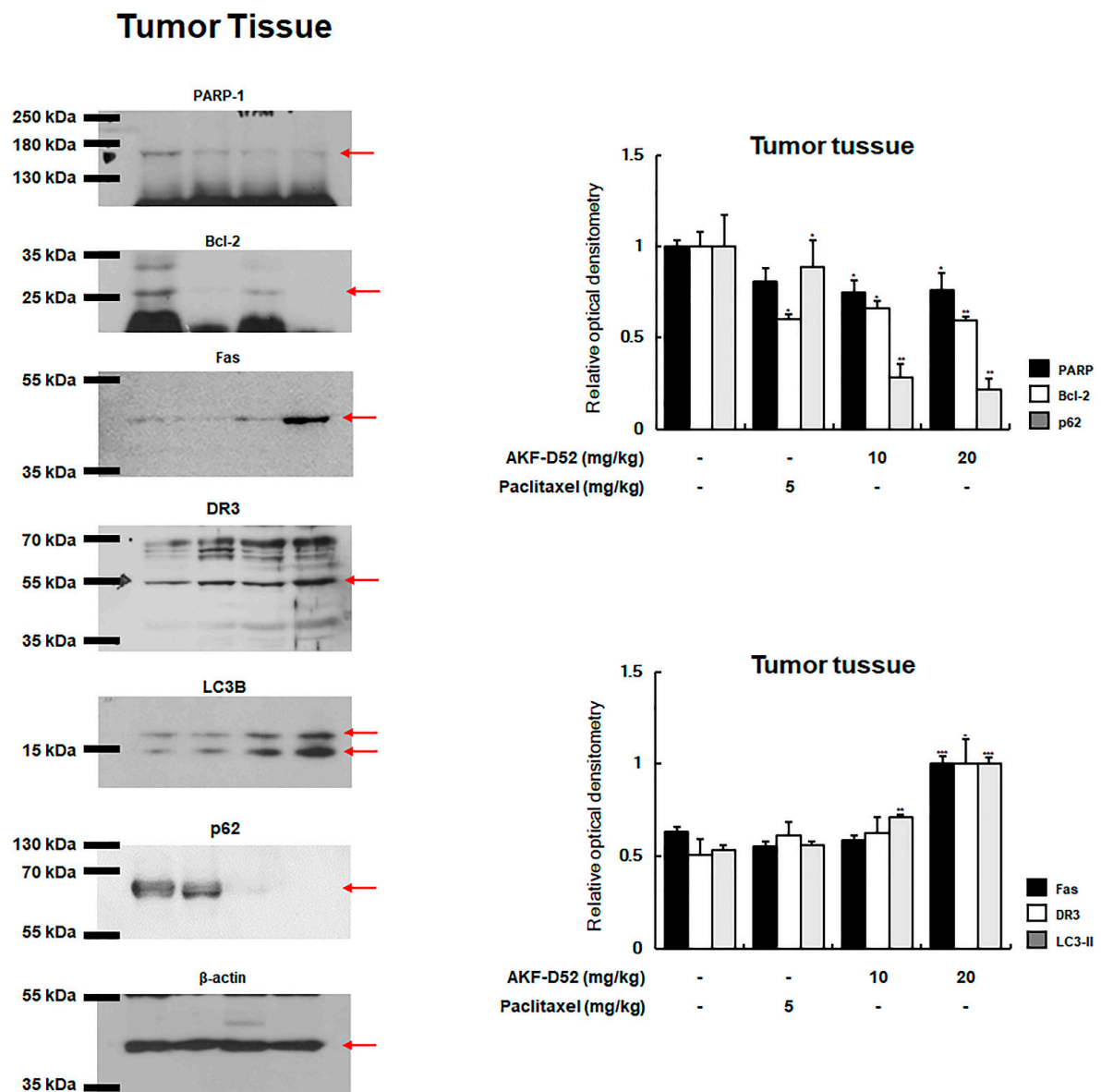
**Figure S11.** Original images and densitometer analysis of Western blot data in Figure 5E.



**Figure S12.** Original images and densitometer analysis of Western blot data in Figure 6D.



**Figure S13.** Original images and densitometer analysis of Western blot data in Figure 6E.



**Figure S14.** Original images and densitometer analysis of Western blot data in Figure 7G.