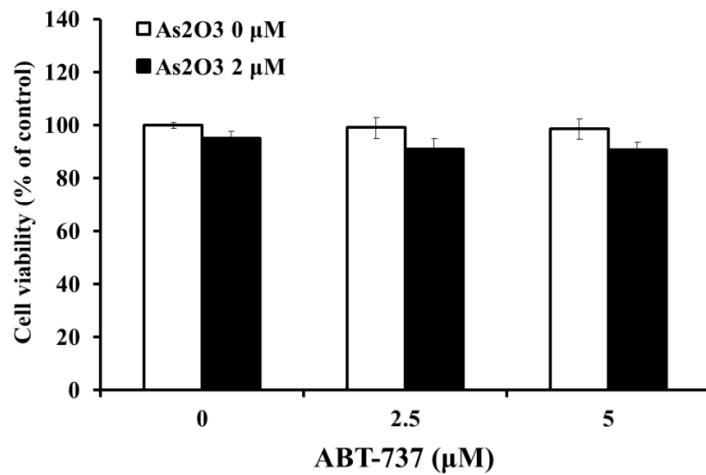
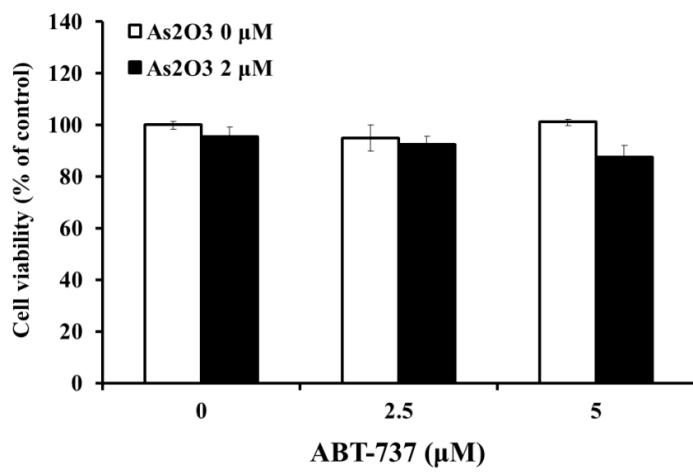


## Supplementary Materials

MEF

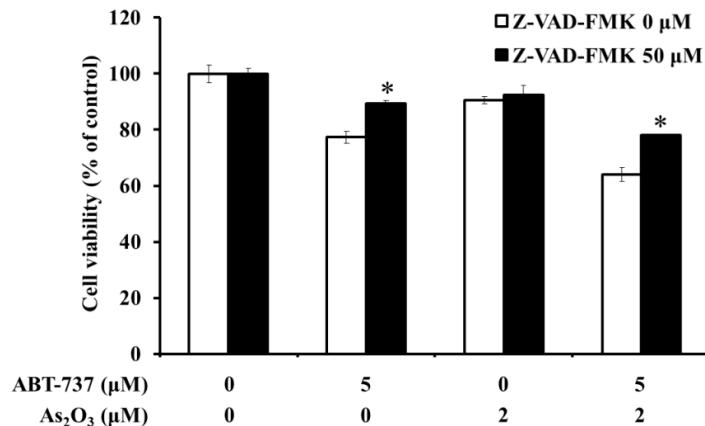


HaCaT

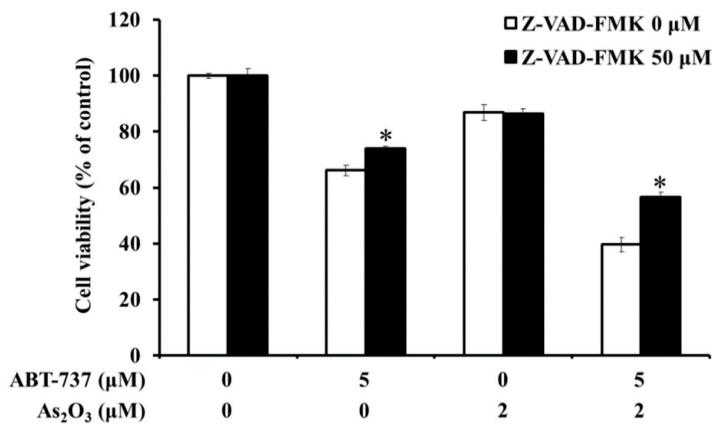


**Figure S1.** Effect of ABT-737 and As<sub>2</sub>O<sub>3</sub> on cell viability in Mouse Embryonic Fibroblasts (MEF) and human keratinocyte cell line, HaCaT. MEF and HaCaT ( $8 \times 10^3$  cells) were treated with ABT-737 and As<sub>2</sub>O<sub>3</sub> for 48 h. The cell viability was analyzed using MTT assay.

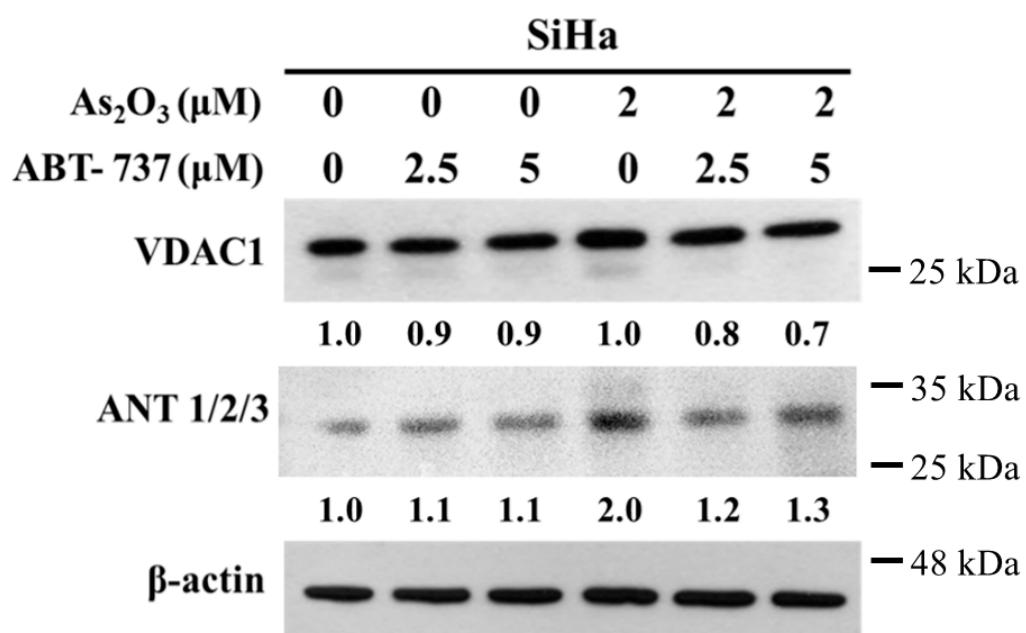
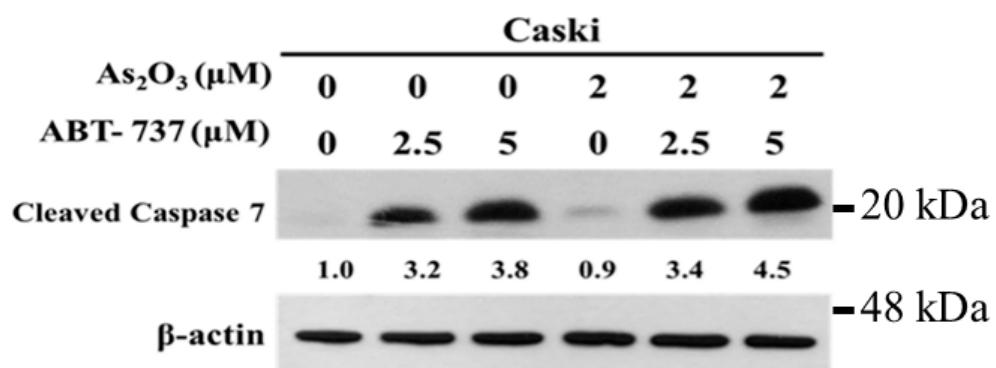
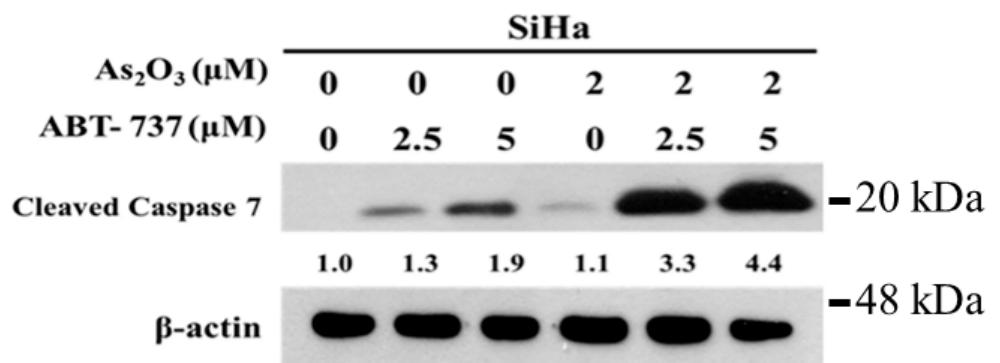
SiHa

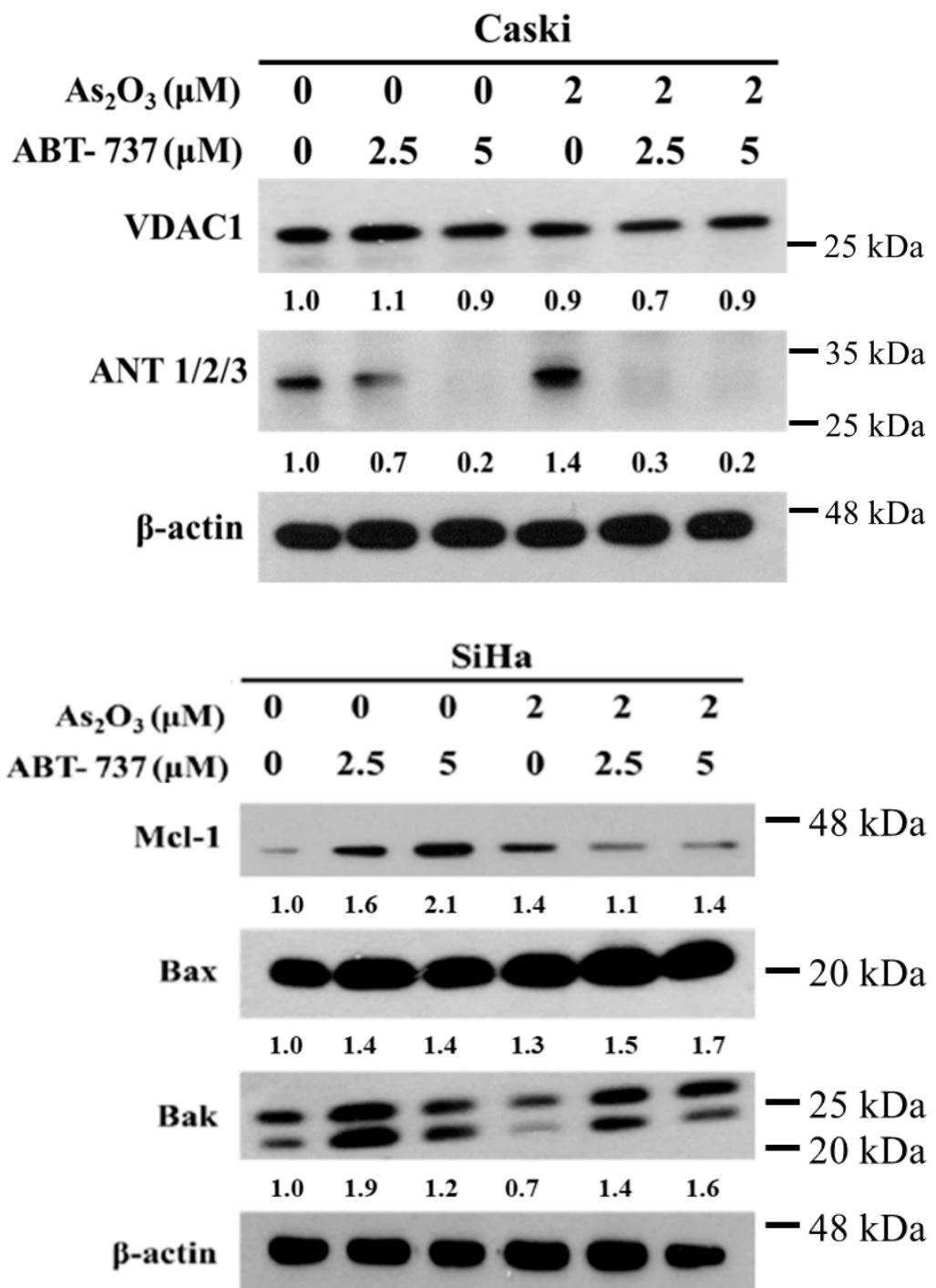


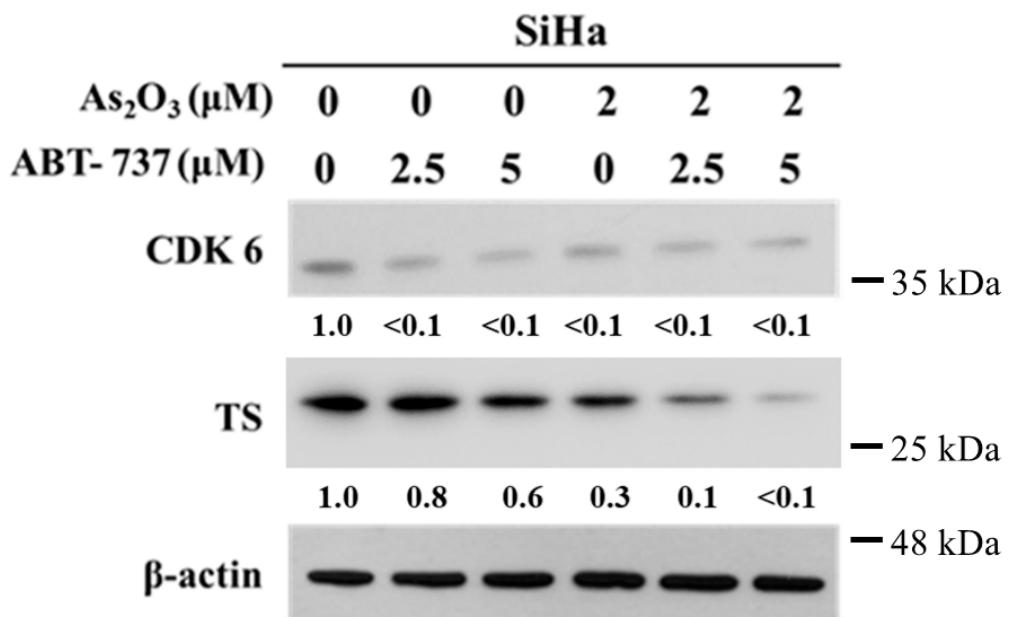
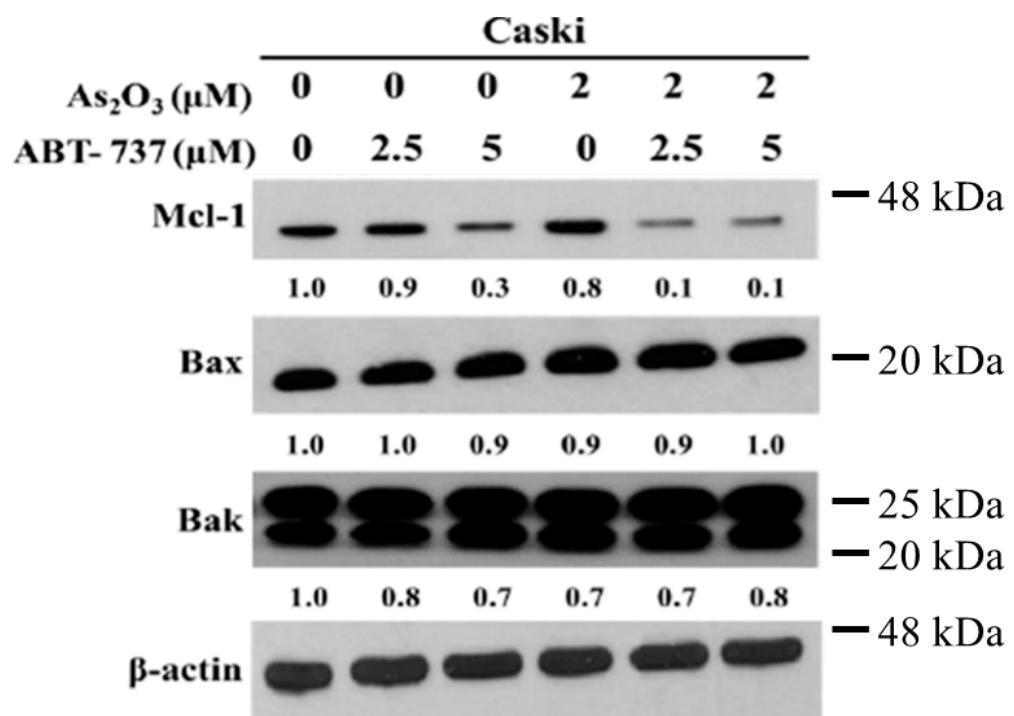
Caski

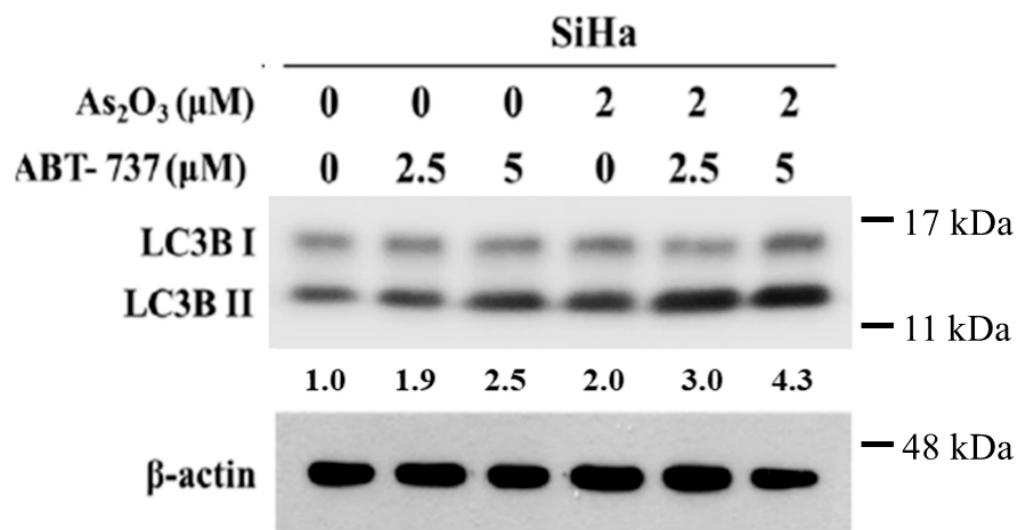
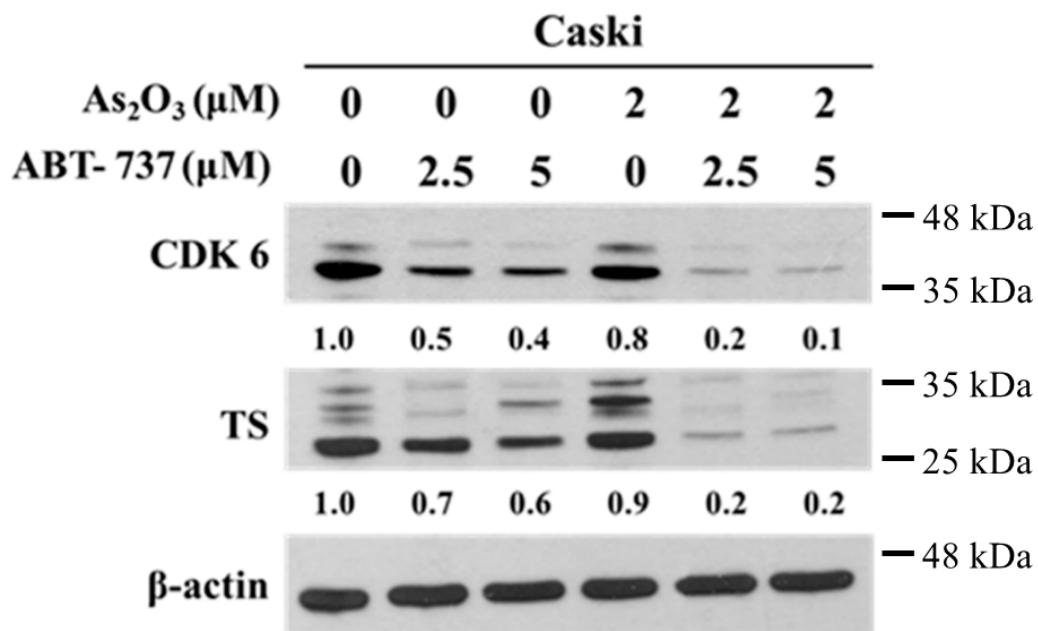


**Figure S2.** Effect of pan-caspase inhibitor Z-VAD-FMK on cell viability in SiHa and Caski cells after ABT-737 and As<sub>2</sub>O<sub>3</sub> treatment. SiHa and Caski ( $5 \times 10^3$  cells) were treated with Z-VAD-FMK, ABT-737 and As<sub>2</sub>O<sub>3</sub> for 48 h. The cell viability was analyzed using MTT assay. \*  $p < 0.05$ .









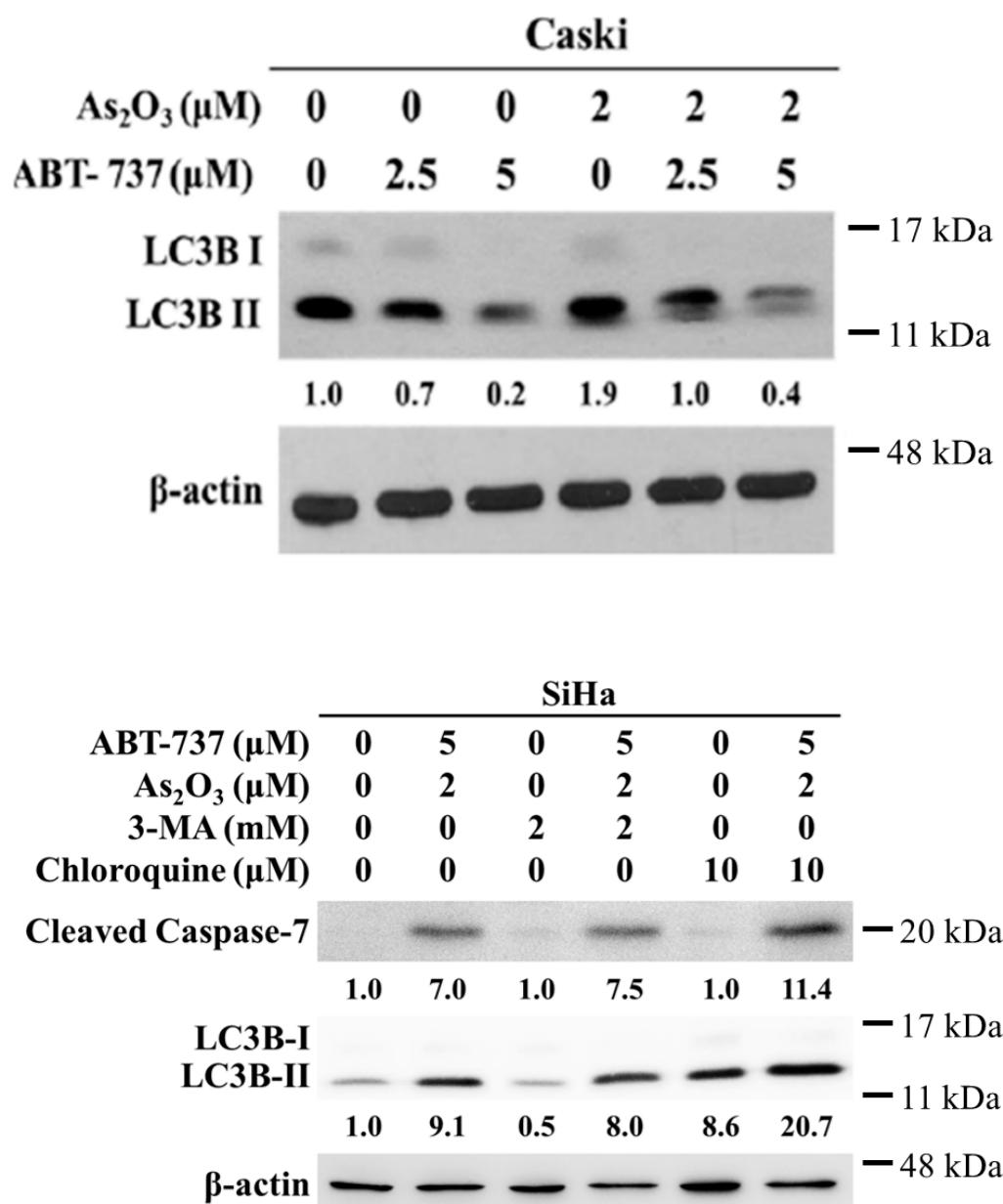


Figure S3. Western blot.