

Figure S1. CNOT2 depletion in H596 increases TRAIL sensitivity in H596 cells. H596 cells were stably transfected with plasmid containing shRNA against CNOT2 or control. (A) Cell lysates were prepared and subjected to western blot analysis for detecting CNOT2 expression. β -actin was used as an internal loading control. (B) Cytotoxicity was then analyzed using an MTT assay. These experiments were repeated 3 times independently. Data are the means \pm SD (n=3). ***P<0.001 vs. sh-con (apart from 6.25 ng/ml TRAIL). CNOT2, CCR4-NOT transcription complex subunit 2; TRAIL, TNF-related apoptosis-inducing ligand.

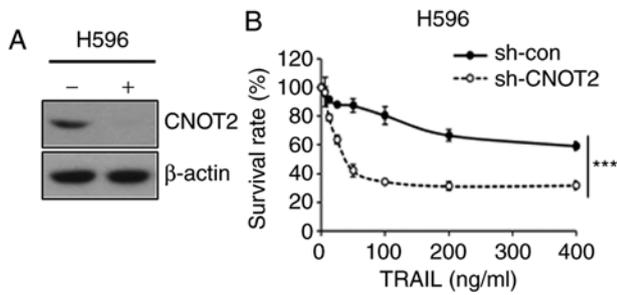


Figure S2. Gene profile in CNOT2-depleted cells. Scatter plot showing mean expression values in CNOT2-depleted A549 cells vs. intact control. Scatterplot were created by R package. (x and y-axes, relative expression levels; red, expression level of y-values higher than expression level of x-value; green, expression level of x-values higher than expression level of y-value). CNOT2, CCR4-NOT transcription complex subunit 2.

