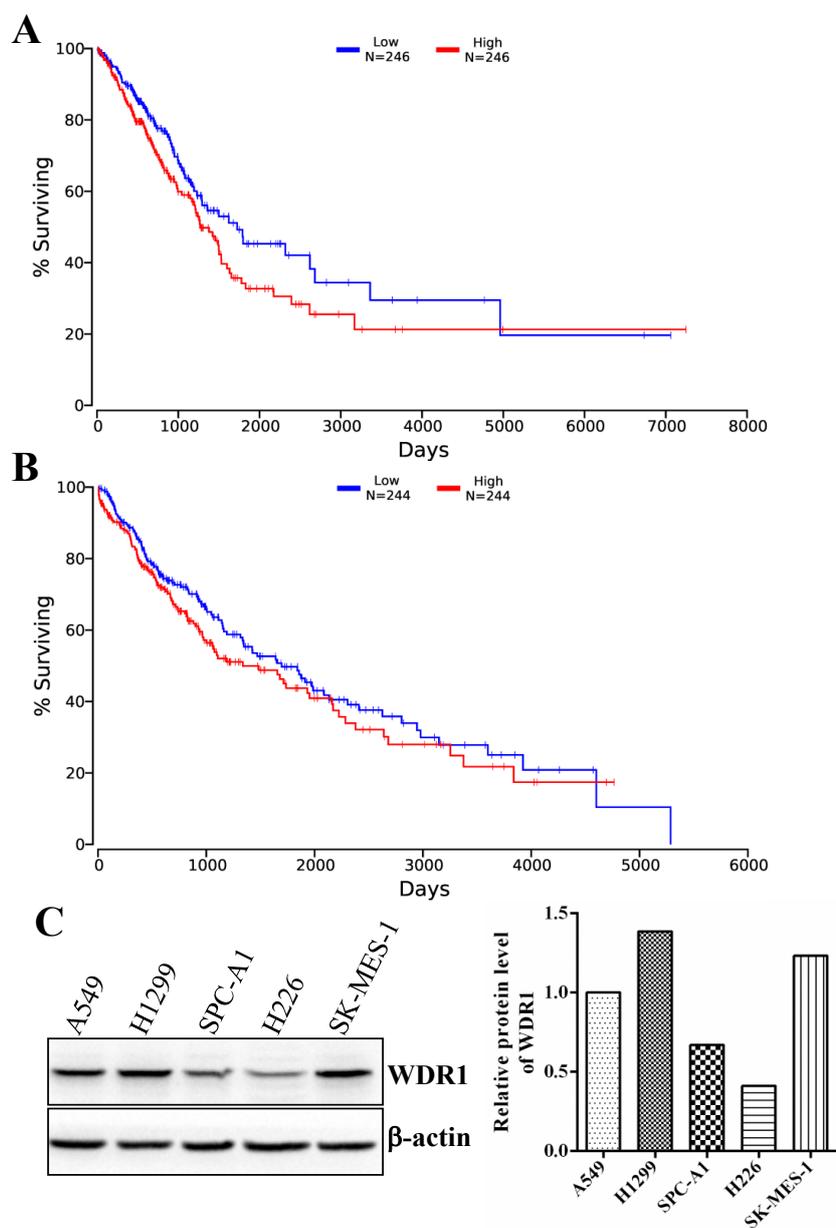


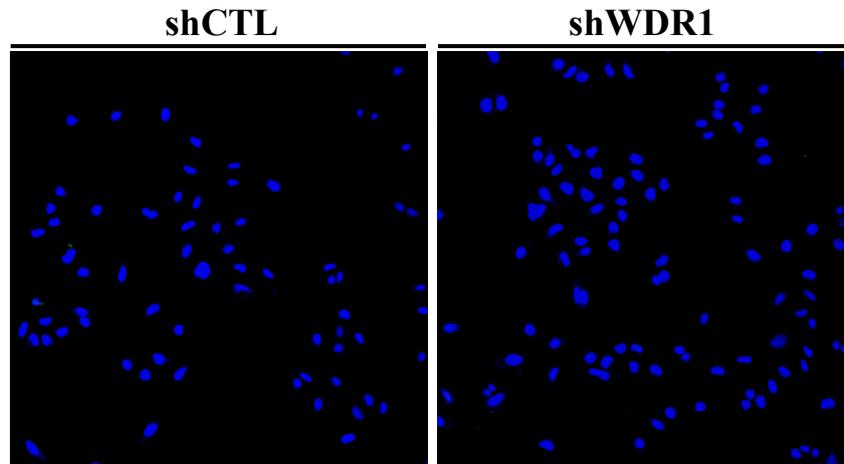
## Supplementary Material

**Figure S1**



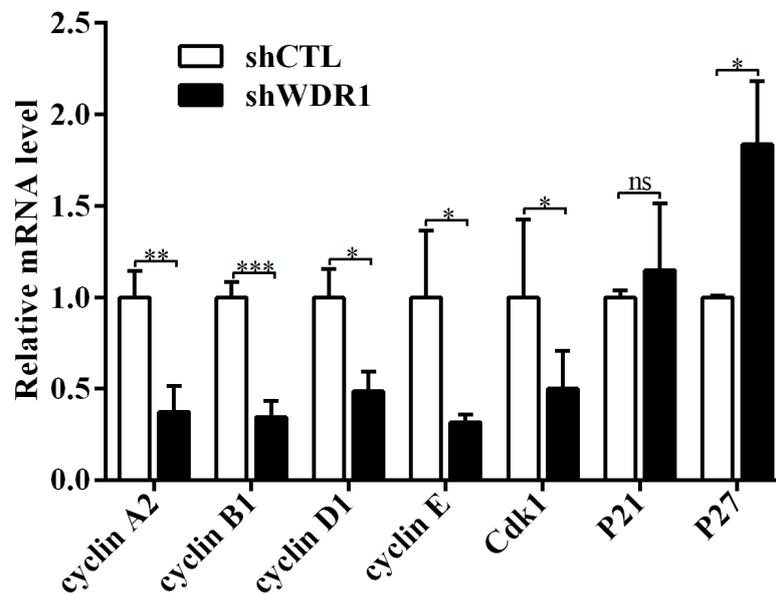
**Figure S1. High WDR1 expression levels correlate with reduced survival in NSCLC patients. A-B:** Analysis of the relationship between the expression level of WDR1 and NSCLC patient prognosis in the online tool (<http://www.oncolnc.org>). High WDR1 expression levels correlate with reduced survival in lung adenocarcinoma ( $p=0.0428$ ) (A) and lung squamous carcinoma ( $p=0.193$ ) (B). **C:** Western blotting analysis and quantification revealed varied levels of WDR1 in NSCLC cell lines.

**Figure S2**



**Figure S2. TUNEL staining of A549 cells.** TUNEL staining did not reveal any differences between shWDR1 (right) and shCTL (left) cells.

**Figure S3**



**Figure S3. mRNA levels of cell cycle regulators were determined by qPCR in A549 cells.** Expression level of p27 was increased in shWDR1 cells compared with shCTL cells, and cyclin A2, cyclin B1, cyclin D1, cyclin E and Cdk1 levels were decreased. Data are expressed as means  $\pm$  SEM. \* $P < 0.05$ , \*\* $P < 0.01$ , and \*\*\* $P < 0.001$ .