Supplementary Material

Figure S1

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 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**

![Image](image1.png)

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

**Figure S3**

![Image](image2.png)

**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 ± SEM. *P < 0.05, **P < 0.01, and ***P < 0.001.