Figure S1

A. Interphase, Prophase, Prometaphase, Metaphase, Anaphase, Telophase images for DNA, Prp19, Cdc5L, Merge.

B. Western blot analysis of Interphase cells and Mitotic cells for Cdc5L, Prp19, Smc1, Wapl, hCAP-D2, Topo II, β-tubulin, Histones (C.b. staining).

C. Immunoblot analysis for LAP, Cdc5L, Smc3, Smc1 in HeLa cells and Cdc5L-LAP in HeLa cells.

D. DNA and LAP expression in interphase and anaphase images.

E. Images showing Normal mitosis, Congression defect, and Abnormal spindle with DNA, β-tubulin, Crest, and Merge.

F. Graph showing the percentage of mitotic cells (% of total cells) over hours after transfection for Control, Scc1 RNAi, Cdc5L RNAi, Prp19 RNAi.

G. Bar graph showing mitotic cells (%) of total cells over hours after transfection for Control, Scc1 RNAi, Cdc5L RNAi, Prp19 RNAi.