



Fig. S4. PTEN interacts with BAP1 in the cytoplasm. (A) BAP1 resides in both the nucleus and cytoplasm. Cell extracts derived from BPH1, DU145, P69 and M12 cells were used to isolate subcellular fractionation, and then equal proportion from nuclear and cytoplasmic fractions was used for Western blotting analysis. C: Cytoplasm. N: Nucleus. (B) Colocalization of PTEN and BAP1 in cells. HA-BAP1 was transiently expressed in HeLa cells stably expressing PTEN. Immunofluorescence staining was performed and typical images captured using a confocal microscope (Leica TCS SP8) were shown. Scale bars: 25 μ m. (C) The localization of BAP1^{WT} and BAP1^{ΔNLS} in HeLa cells. HA-BAP1^{WT} or HA-BAP1^{ΔNLS} was transiently expressed in HeLa cells. Immunofluorescence staining was performed and typical images captured using a confocal microscope (Leica TCS SP8) were shown. Nuclei were counterstained with DAPI (blue). Scale bars: 25 μ m. (D) Western blotting analysis for endogenous PTEN in HeLa cells transfected with HA-BAP1^{WT} or HA-BAP1^{ΔNLS}. (E) Lysates from 293T cells transfected with Flag-PTEN and HA-BAP1^{WT} or HA-BAP1^{ΔNLS} were immunoprecipitated with anti-HA antibody, and followed by Western blotting analysis with indicated antibodies.