Supplemental Figure S1: Effects of nab-paclitaxel, bevacizumab or sunitinib therapy on mouse body weight. (A) NOD/SCID mice in survival study and (B) Athymic nude mice in local tumor growth study were intraperitoneally injected with AsPC-1 cells. Two weeks after tumor cell injection, mice were treated intraperitoneally with PBS (control), nab-paclitaxel (10 mg/kg, twice weekly), bevacizumab (10 μg per mouse, twice weekly) and sunitinib (20 mg/kg, 5 times weekly). Mouse body weight was measured twice a week. Data are representative of mean values ± standard deviation from 6-8 mice per group.

Supplemental Figure S2: Effects of nab-paclitaxel, bevacizumab and sunitinib on growth of established local PDAC tumors. Nude mice were subcutaneously injected with AsPC-1 cells and treated for 3 weeks. Mean tumor weight was calculated from final day tumor weights in each group and is presented as Box plot. Data are representative of mean values ± standard deviation from 6-8 mice per group.

Supplemental Figure S3: Nab-paclitaxel, bevacizumab and sunitinib effects on growth of Panc-1 cell PDAC xenografts. Nude mice were subcutaneously injected with Panc-1 cells and therapy was started after 2 weeks. (A) Relative tumor growth is calculated by dividing the tumor volume at any time by the tumor volume at the start of treatment. (B) Net tumor growth was calculated by subtracting tumor volume on the first treatment day from that on the final day. Data are representative of mean values ± standard deviation from 6-8 mice per group.

Supplemental Figure S4: Effects of nab-paclitaxel, bevacizumab and sunitinib treatment on the expression of p-stathmin and α-tubulin expression in tumor tissue lysates. Tumor lysates were analyzed by immunoblotting for p-stathmin, α-tubulin and GAPDH proteins. Data are representative of two independent experiments with similar results.

Supplemental Figure S5: Effects of nab-paclitaxel, bevacizumab and sunitinib therapy on collagen-1 staining. Tumor tissue sections were stained with collagen-1 antibody and slides were photographed under a fluorescent microscope. Collagen-1 pixel intensity was calculated and represented as bar graph. The data are expressed as the mean ± standard deviation. Symbol * represents p<0.005 versus control, and ⋅ represents p<0.03 versus NPT.

Supplemental Figure S6: Effects of nab-paclitaxel, bevacizumab and sunitinib therapy on α-SMA staining. Tumor tissue sections were stained with α-SMA antibody and slides were photographed under a fluorescent microscope. α-SMA pixel intensity was calculated and represented as bar graph. The data are expressed as the mean ± standard deviation.