Supplemental Figure legend

**Supplemental Figure 1.** APN deficiency did not affect the blood pressure (A) and heart rate (B) with or without angiotensin II infusion. WT and APN KO mice were infused with Ang II (750 ng/kg per minute) for seven days. Mouse tail-cuff systemic blood pressure (SBP) and heart rate (HR) were measured 3 days before and after angiotensin II infusion. Histogram shows the mean SBP and HR at day 7 of angiotensin II infusion. Data represent the mean ± SEM (n=10 per group). ***P < 0.001 vs. saline-treated WT mice; ###P < 0.001 vs. saline-treated APN KO mice.

**Supplemental Figure 2.** APN deficiency had no effect on left ventricular (LV) mass and LV ejection fraction in response to angiotensin II infusion compared with WT mice. Echocardiography was performed at day 7 after angiotensin II infusion. Data represent the mean ± SEM (n=10 per group). *P < 0.05 vs. saline-treated WT mice.
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