Effect of insulin on liver Agt expression, serum AGT and ANG II levels in Akita mice. a. Agt mRNA, b. AGT protein, c. Serum AGT levels, and d. Serum ANG II levels in WT controls, Akita and Akita mice + insulin implants. Liver Agt mRNA levels were quantified by RT-qPCR. AGT protein levels in liver extracts were analyzed by Western blotting whereas serum AGT and ANG II samples were assayed by specific ELISA. Values are means ± SEM, n=8 per group. *p<0.05; **p<0.01; N.S., not significant. WT controls (empty bars); Akita (solid bars) and Akita mice + insulin implant (light grey bars).