

## **Supplementary Figure 1**

Rap1GAP silenced podocytes are dramatically protected from apoptosis compared to control podocytes. Annexin V and propidium iodide staining are analyzed with FACS to compare the apoptosis and necrosis induced by exposure to PAN (25  $\mu$ g/ml) for 36 hours. After exposure to PAN, the percentage of early apoptotic cells (Q3) and necrotic cells (Q2) are markedly decreased in Rap1GAP silenced cells compared to controls.