**Fig. S1.** Ultrasound assessment on aorta diameter changes. The difference of diameters of abdominal aorta between AAA and sham groups were determined and compared.
Fig. S2. Specificity of antibodies was validated by IgG-isotype control. (A) IgG-isotype control for immunohistochemistry experiment. (B) IgG-isotype control for Immunofluorescence staining. IgG-Isotype control of α-SMA (Alexa Fluor® 647) was labeled red while that of MCPIP1 (FITC) was green.