



Figure 2

Specificity of the polyclonal p47phox antibody. (a) Western blot analysis of tissue lysates from spleen and aorta of p47phox^{+/+} and p47phox^{-/-} mice. A single 47-kDa band is observed in aortas of wild-type mice only. (b) Immunohistochemical analysis of an aortic section from an ApoE^{-/-}/p47phox^{+/+} mouse with the anti-p47phox antibody, demonstrating brown staining of p47phox. (c) Similar immunohistochemical analysis of an aortic section from an ApoE^{-/-}/p47phox^{-/-} mouse that lacks p47phox immunoreactivity. (d) Staining of an aortic section from an ApoE^{-/-}/p47phox^{+/+} mouse with IgG control.