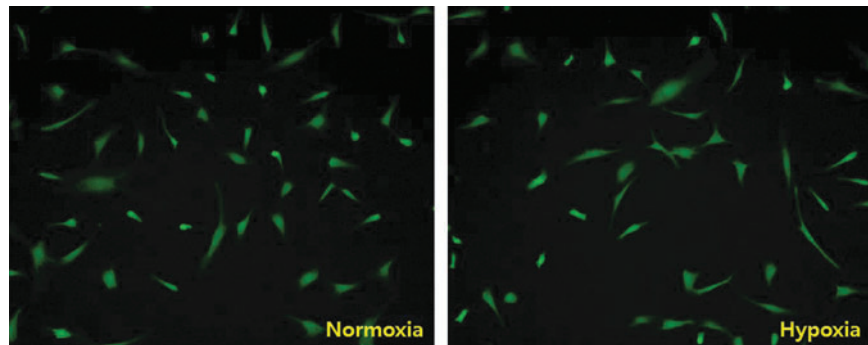
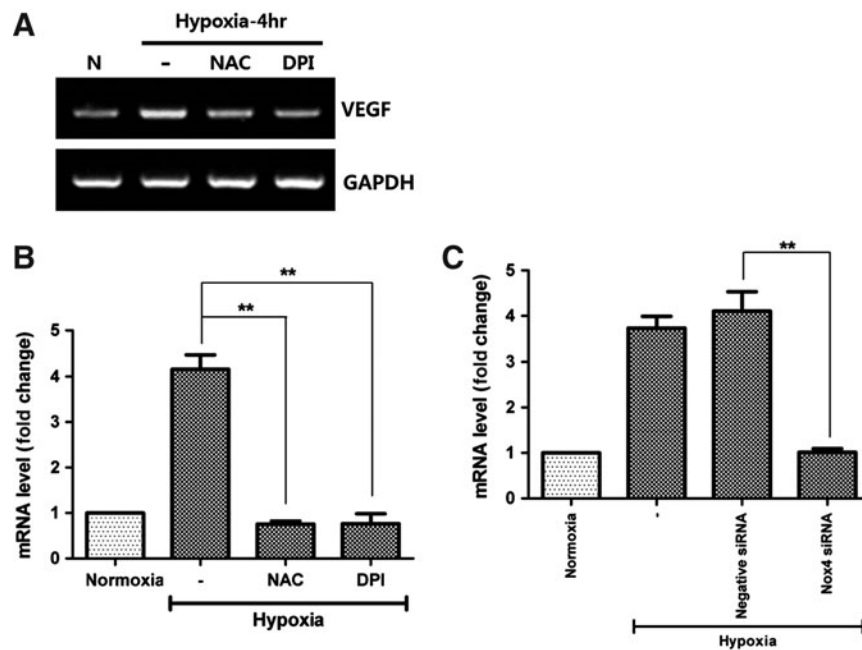


Supplementary Data



SUPPLEMENTARY FIG. S1. Effect of hypoxia on reactive nitrogen species generation. There was no difference in 4,5-diaminofluorescein diacetate intensities between normoxia and hypoxia.



SUPPLEMENTARY FIG. S2. Effect of hypoxia and silencing of Nox4 on the mRNA expression of VEGF. Hypoxia significantly increased the VEGF expression, which was attenuated by NAC and DPI treatment (**A**). Relative mRNA expression was calculated by Q-PCR (**B**). Silencing of Nox4 reduced the hypoxia-enhanced mRNA expression of VEGF (**C**). $**P < 0.01$. VEGF, vascular endothelial growth factor; NAC, N-acetyl-cysteine; DPI, dibenziodolium chloride; Nox, NADPH oxidase; Q-PCR, quantitative real-time polymerase chain reaction.