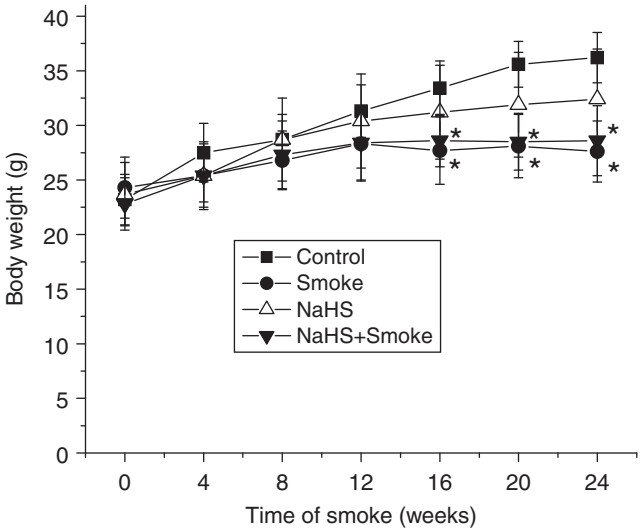
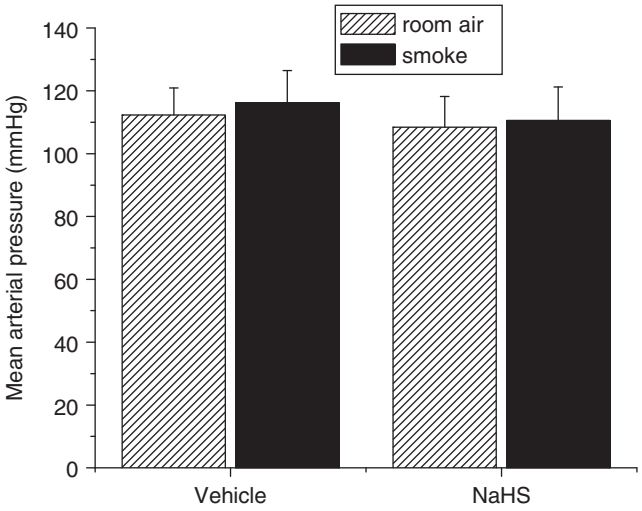
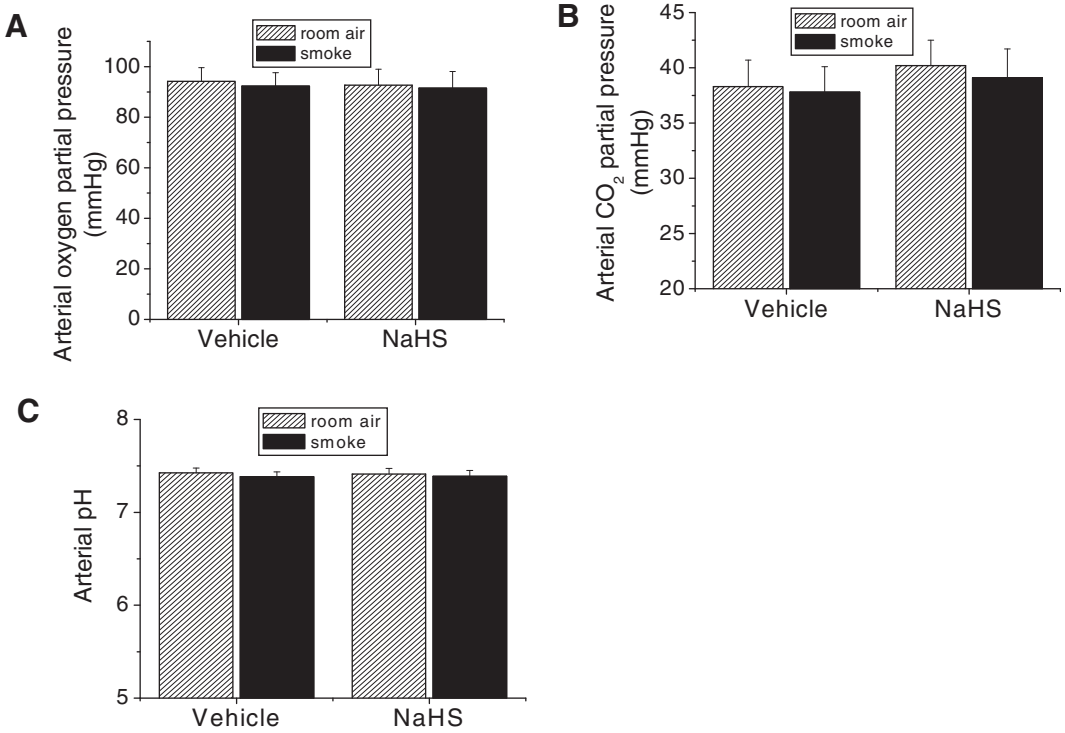
Supplementary Data



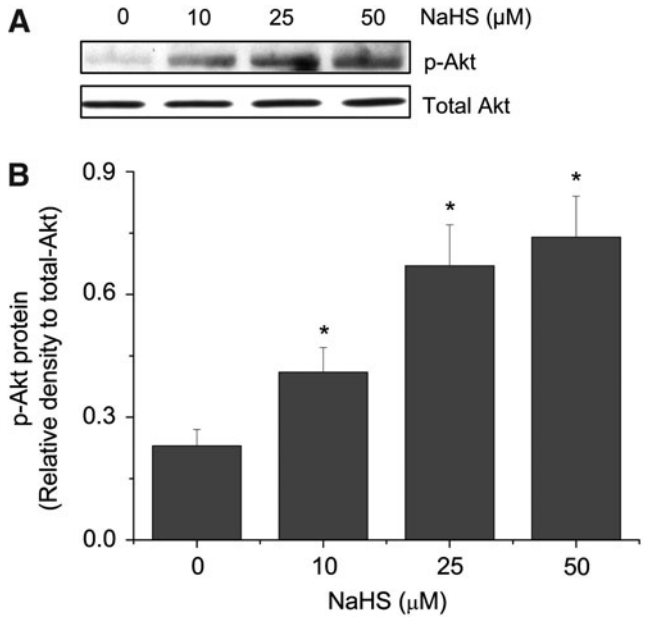
SUPPLEMENTARY FIG. S1. Effect of tobacco smoke and NaHS on body weight gain. Mice were injected daily for vehicle or NaHS 30 min before exposed to tobacco smoke for 1 h/day, 5 days/week for 24 weeks. Body weights were measured every 4 weeks. Results are expressed as mean ± SE; $n = 8$–16 experiments. *$p < 0.05$ *versus* control group. NaHS, sodium hydrosulfide.



SUPPLEMENTARY FIG. S2. Effect of tobacco smoke and NaHS on mean arterial pressure. Mice were injected daily for vehicle or NaHS 30 min before exposed to tobacco smoke for 1 h/day for 5 days after which mean arterial blood pressure was measured as described in the Materials and Methods section. Results are expressed as mean ± SE; $n = 5$ experiments.



SUPPLEMENTARY FIG. S3. Effect of tobacco smoke and NaHS on arterial blood gases. Mice were injected daily for vehicle or NaHS 30 min before exposed to tobacco smoke for 1 h/day for 5 days after which arterial blood gases was measured as described in the Materials and Methods section. Results are expressed as mean ± SE; $n = 5$ experiments.



SUPPLEMENTARY FIG. S4. NaHS increases Akt phosphorylation in endothelial cells. Bovine pulmonary artery endothelial cells were incubated with or without NaHS (10–50 μM) for 30 min after which the protein contents of P^{ser473}-Akt and total Akt were determined using Western blot analysis. **(A)** Representative blots of three separate experiments. **(B)** Bar graphs depicting the changes in p-Akt protein. Results are expressed as mean ± SE; $n = 3$ experiments. *$p < 0.05$ *versus* control (0).