**Fig. S1**

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Fig. S1 After Nox4 siRNA pretreatment, cells were stimulated with or without AOPPs-RSA (200 μg/mL) for 6 h, bar graph showed quantitative analysis of Nox4. Data represent mean ± SEM of at least 3 independent experiments. \* P<0.05 versus Control (0) group. # P<0.05 versus AOPPs-RSA group.

**Fig. S2**

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Fig. S2 The expression levels of p38/p-p38 and p44/p42. Data represent mean ± SEM of at least 3 independent experiments. \* *P*<0.05 versus control (0) group. # *P*<0.05 versus AOPPs-RSA group.