

**Supplemental Figure 1. The expression of NLRP3 after different intervals post-4-PBA administration.** At different intervals (1 h, 2h, 3h, 4h, 5h, 6h, 7h, 8h) after 4-PBA was administrated through the trachea of mice, the expression of NLRP3 in lung tissue was tested by Western blot method. At 6 h post-4-PBA administration, the expression of NLRP3 dropped to the lowest.