

Figure S1: Western blotting was used to detect the expression of IL-1 β (30 kDa) in lung tissue. The groups included: (1) Naïve control, (2) Respiratory inflammation + vehicle, (3) Respiratory inflammation + prednisolone 1 mg/kg BW, (4) Respiratory inflammation + PPT 100 mg/kg BW, (5) Respiratory inflammation + PPT 200 mg/kg BW, and (6) Respiratory inflammation + PPT 400 mg/kg BW. The full-length membranes are shown, with membrane edges indicated by the dark blue arrows.

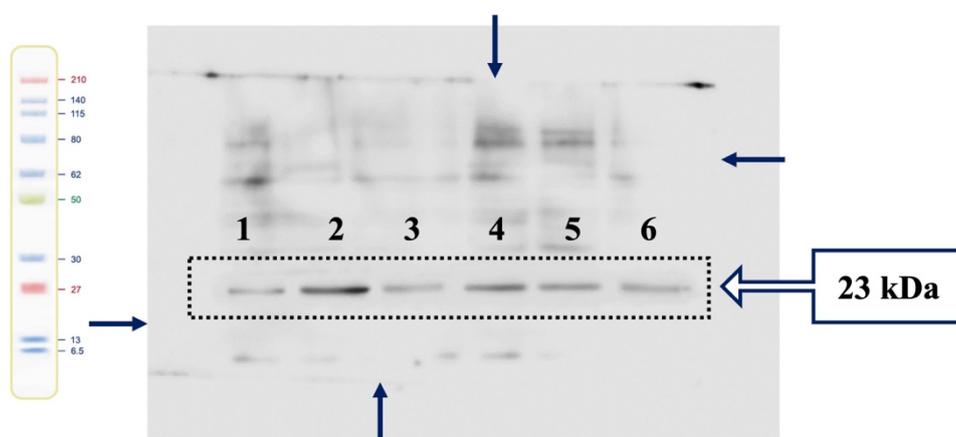


Figure S2: Western blotting was used to detect the expression of IL-6 (23 kDa) in lung tissue. The groups included: (1) Naïve control, (2) Respiratory inflammation + vehicle, (3) Respiratory inflammation + prednisolone 1 mg/kg BW, (4) Respiratory inflammation + PPT 100 mg/kg BW, (5) Respiratory inflammation + PPT 200 mg/kg BW, and (6) Respiratory inflammation + PPT 400 mg/kg BW. The full-length membranes are shown, with membrane edges indicated by the dark blue arrows.

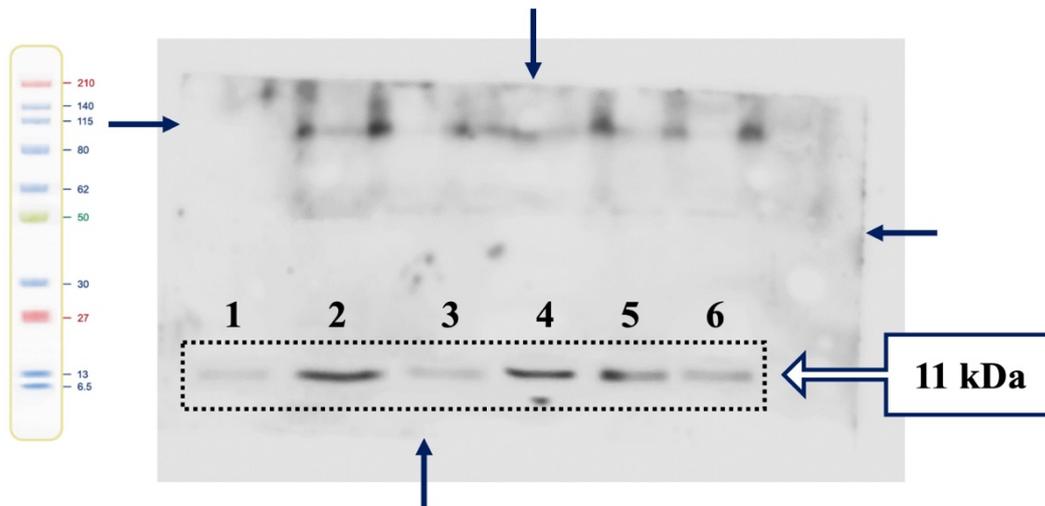


Figure S3: Western blotting was used to detect the expression of IL-8 (11 kDa) in lung tissue. The groups included: (1) Naïve control, (2) Respiratory inflammation + vehicle, (3) Respiratory inflammation + prednisolone 1 mg/kg BW, (4) Respiratory inflammation + PPT 100 mg/kg BW, (5) Respiratory inflammation + PPT 200 mg/kg BW, and (6) Respiratory inflammation + PPT 400 mg/kg BW. The full-length membranes are shown, with membrane edges indicated by the dark blue arrows.

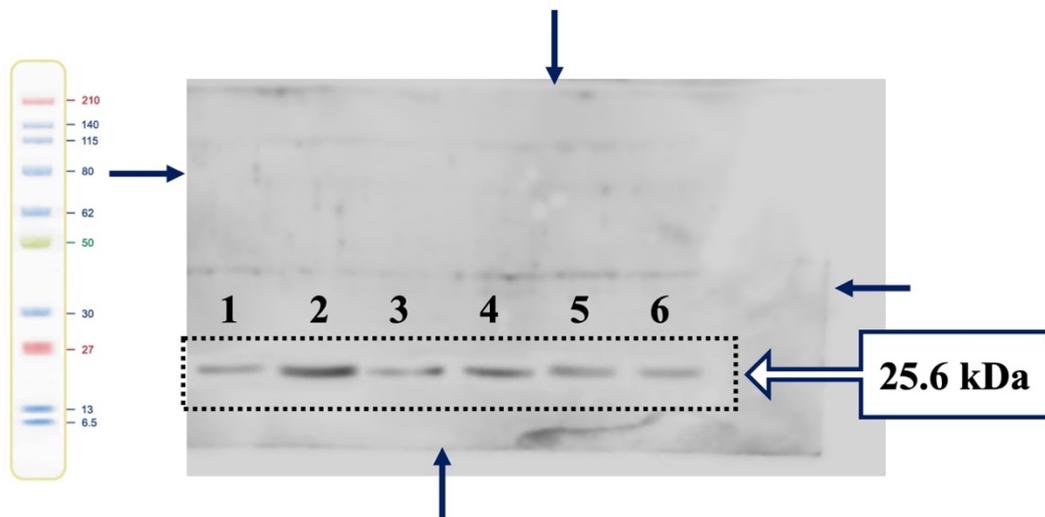


Figure S4: Western blotting was used to detect the expression of TNF- α (25.6 kDa) in lung tissue. The groups included: (1) Naïve control, (2) Respiratory inflammation + vehicle, (3) Respiratory inflammation + prednisolone 1 mg/kg BW, (4) Respiratory inflammation + PPT 100 mg/kg BW, (5) Respiratory inflammation + PPT 200 mg/kg BW, and (6) Respiratory inflammation + PPT 400 mg/kg BW. The full-length membranes are shown, with membrane edges indicated by the dark blue arrows.

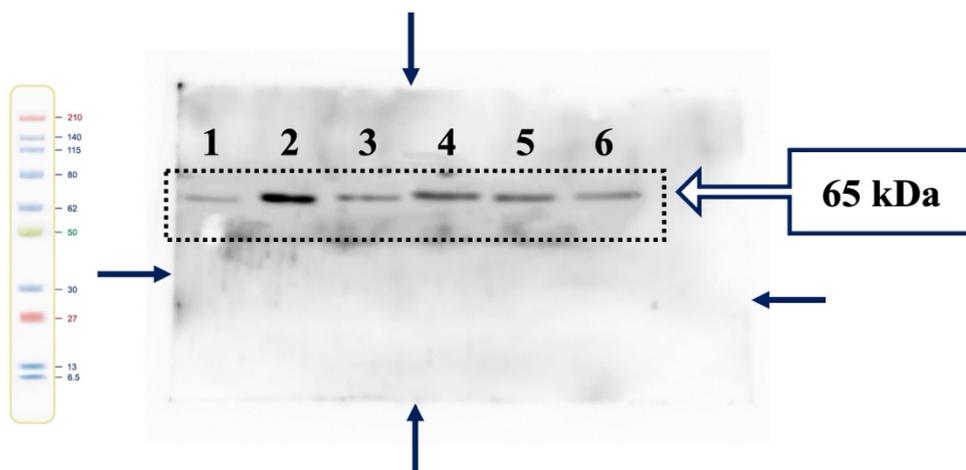


Figure S5: Western blotting was used to detect the expression of NF-κB (65 kDa) in lung tissue. The groups included: (1) Naïve control, (2) Respiratory inflammation + vehicle, (3) Respiratory inflammation + prednisolone 1 mg/kg BW, (4) Respiratory inflammation + PPT 100 mg/kg BW, (5) Respiratory inflammation + PPT 200 mg/kg BW, and (6) Respiratory inflammation + PPT 400 mg/kg BW. The full-length membranes are shown, with membrane edges indicated by the dark blue arrows.

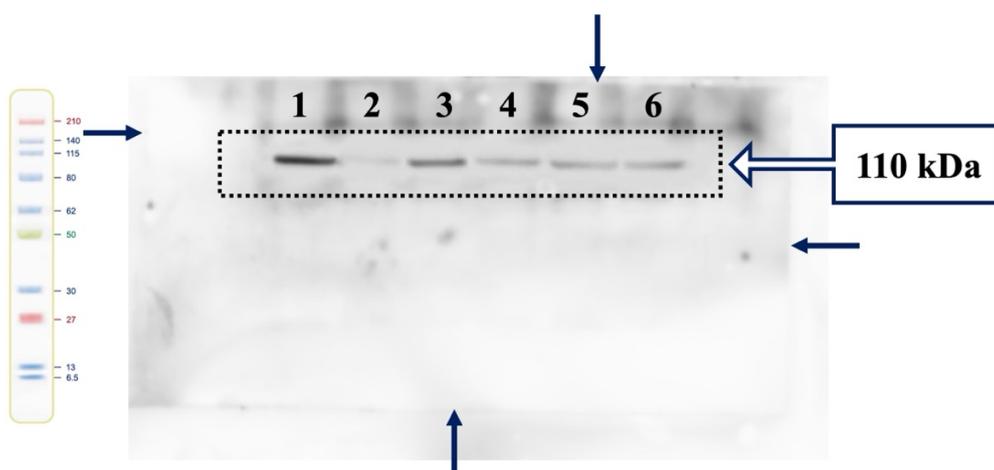


Figure S6: Western blotting was used to detect the expression of sirtuins (110 kDa) in lung tissue. The groups included: (1) Naïve control, (2) Respiratory inflammation + vehicle, (3) Respiratory inflammation + prednisolone 1 mg/kg BW, (4) Respiratory inflammation + PPT 100 mg/kg BW, (5) Respiratory inflammation + PPT 200 mg/kg BW, and (6) Respiratory inflammation + PPT 400 mg/kg BW. The full-length membranes are shown, with membrane edges indicated by the dark blue arrows.