

# Evaluation of the protective role of resveratrol on LPS-induced septic intestinal barrier function via TLR4/MyD88/NF- $\kappa$ B signaling pathways

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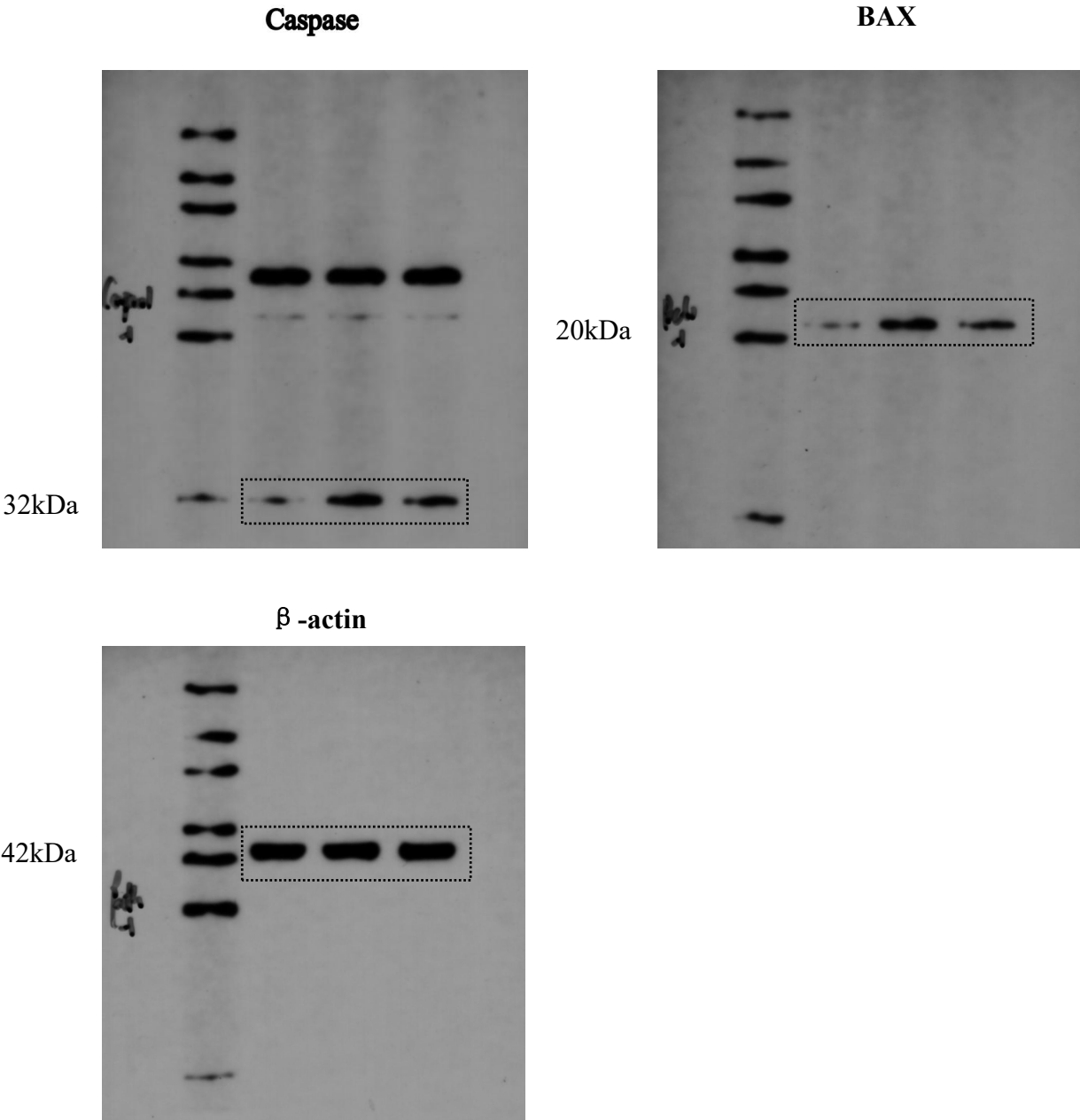
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## Abbreviations :

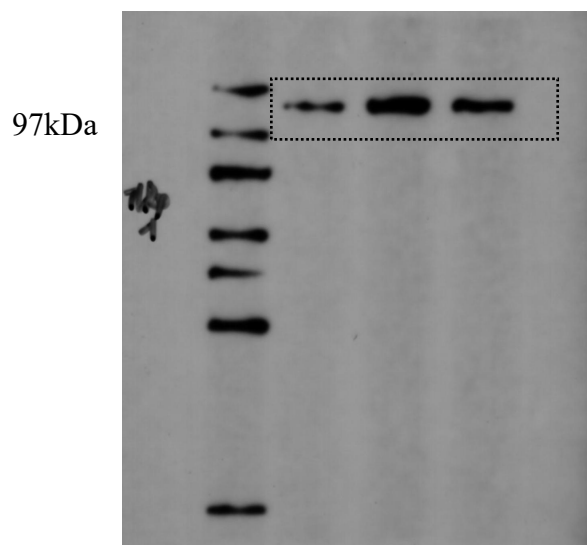
D-LA, D-lactic acid; ELISA, Enzyme-linked immunosorbent assay; HE, Hematoxylin and eosin staining; IL-1 $\beta$ , Interleukin-1 $\beta$ ; i-FABP, Intestinal fatty acid binding protein ; LBP, LPS binding protein; LPS, Lipopolysaccharide; MyD88, Myeloid differentiation factor 88 ; MODS, Multiple organ dysfunction syndrome; NF- $\kappa$ B, Nuclear transcription molecule  $\kappa$ B; qRT-PCR, Quantitative real-time polymerase chain reaction; RSV, Resveratrol; TJ, Tight junction; TNF, Tumor necrosis factor; TLR4, The toll-like receptor 4; TEM, Transmission electron microscopy; WB, Western blot analysis; ZO-1, Occludens protein-1.

Supplementary Figure 4

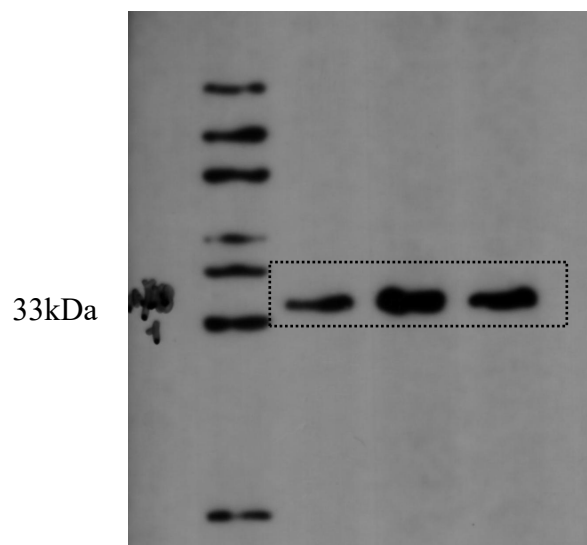


**Supplementary Figure 5**

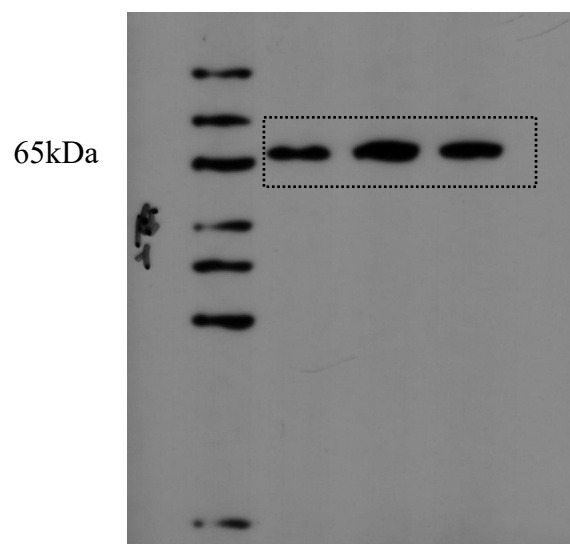
**TLR4**



**MYD88**



**NF-KB P65**



**$\beta$ -actin**

