

File name: Supplemental information

Description: Supplementary Tables

Supplementary Table 1. Antibodies used in western blot

Name	Species	Source	Catalog#	Concentration
Occludin	Rabbit	Proteintech	13409-1-AP	1:1000
ZO-1	Rat	Santa Cruz Biotechnology	sc-33725	1:500
HMGB1	Rabbit	Proteintech	10829-1-AP	1:4000
TLR4	Rabbit	Proteintech	19811-1-AP	1:4000
NF- κ B (D14E12)	p65 Rabbit	Cell Signaling Technology	8242S	1:1000
Phospho-NF- κ B p65 (Ser536) (93H1)	Rabbit	Cell Signaling Technology	3033S	1:1000
GAPDH	Mouse	Proteintech	60004-1-Ig	1:250000
Horseradish peroxidase-labeled goat anti-rabbit IgG (H+L)		Beijing Zhongshan Jinqiao Biotechnology	ZB-2301	1:10000
Horseradish peroxidase-labeled goat anti-mouse IgG (H+L)		Beijing Zhongshan Jinqiao Biotechnology	ZB-2305	1:10000
Horseradish peroxidase-labeled goat anti-rat IgG (H+L)		Beijing Zhongshan Jinqiao Biotechnology	ZB-2307	1:10000

Supplementary Table 2. Real-Time qPCR primers

Gene	Forward primer (5'-3')	Reverse primer (5'-3')
<i>TNF-α</i>	GACCCTCACACTCAGATCATCTT	CCTTGAAGAGAACCTGGGAGTAG G
<i>IL-6</i>	AAAGTCAACTCCATCTGCCCTTC	TACTGGTCTGTTGTGGGTGGTAT
<i>Tjp-1</i>	GAGAGGAAGAGCGCATGTCTAA A	GCTGTCCGACTTGAGCATATACA
<i>Occludin</i>	ACAGACCCAGACCACTATGAAA C	CTCTTCGCTCTCCTCTCTGTAGT
<i>HMGB1</i>	TGAGAAGGATATTGCTGCCTACA	CTCTTCCTCCTCTTCCTCATCCT
<i>TLR4</i>	CCTCGAGTGGGAGGACAATG	TGGGTTTTAGGCGCAGAGTT
<i>Gapdh</i>	GAAGGTCGGTGTGAACGGAT	CCCATTTGATGTTAGCGGGAT

TNF- α , tumor necrosis factor-alpha; IL-6, interleukin-6; TLR-4, toll-like receptor-4; Tjp-1, tight junction protein-1; HMGB1, high mobility box 1; GAPDH, Glyceraldehyde 3-phosphate dehydrogenase.