

Table SI. Antibodies used in the present study, including the dilutions and manufacturers.

Antibodies	Source	Dilution	Manufacturer	Cat. no.
pmTOR	Anti-rabbit	1:1,000	CST	2971
mTOR	Anti-rabbit	1:1,000	CST	2983
pS6K p70	Anti-rabbit	1:500	CST	9208
S6K p70	Anti-rabbit	1:500	CST	9202
PPAR- γ	Anti-rabbit	1:500	Abcam	Ab45036
TLR4	Anti-rabbit	1:500	Abcam	Ab13556
NF- κ B	Anti-rabbit	1:2,000	Abcam	Ab16502
IL-1 β	Anti-rabbit	1:1,000	Abcam	Ab9722
TNF- α	Anti-mouse	1:500	Abcam	Ab1793
GAPDH	Anti-rabbit	1:1,000	CST	5174

TLR4, Toll-like receptor 4; CST, Cell Signaling Technology, Inc.; TNF, tumor necrosis factor; IL, interleukin; p, phosphorylated; S6K, ribosomal protein S6 kinase; PPAR- γ , proliferators-activated receptors- γ .

Table SII. Primers used for reverse transcription-quantitative PCR.

Gene	Forward sequence	Reverse sequence
mTOR	5'-ACGCTGTCATCCCTTTATC-3'	5'-CTTCTTCTTCTCCCTGTAGTC-3'
S6K	5'-ATTTATTGGCAGCCACG-3'	5'-TCCCCACTCATTGTCACATC-3'
PPAR- γ	5'-GACACAGAGATGCCATTC- 3'	5'-CAGGCTCCACTTTGATTG-3'
TLR4	5'-CCAGAATGAGGACTGGGTGAG-3'	5'-CAAGGACAATGAAGATGATGCC-3'
NF- κ B	5'-CTGCTTACGGTGGGATTGC-3'	5'-ATTGCTTCGGTCTTGGTGC-3'
IL-1 β	5'-CTTCTCATTCCTGCTCGTGG-3'	5'-CTCCGCTTGGTGGTTTGC-3'
TNF- α	5'-ATCTCACAGCAGCATCTC-3'	5'-TAGCAGGTCGTCATCATC-3'
GAPDH	5'-GGAGTCTACTGGCGTCTTCAC-3'	5'-ATGAGCCCTTCCACGATGC-3'

TLR4, Toll-like receptor 4; TNF, tumor necrosis factor; IL, interleukin; S6K, ribosomal protein S6 kinase; PPAR- γ , proliferators-activated receptors- γ .