

Table S1: List of antibodies used for Western blot analysis.

Antibodies	Dilution used	Source	Catalog no.
<i>Primary antibodies</i>			
C/EBP- α	1:2,000	Santa Cruz Biotechnology	sc-61
PPAR- γ	1:2,000	Santa Cruz Biotechnology	sc-7273
p-STAT-3 (Y705)	1:2,000	Santa Cruz Biotechnology	sc-8059
STAT-3	1:2,000	Santa Cruz Biotechnology	sc-8019
p-STAT-5 (Y694)	1:2,000	Santa Cruz Biotechnology	sc-101806
STAT-5	1:2,000	Santa Cruz Biotechnology	sc-835
iNOS	1:2000	Santa Cruz Biotechnology	sc-651
Perilipin A	1:2,000	BioVision	#3948-200
FAS	1:2,000	BD Bioscience	#610962
p-AMPK α (T172)	1:2,000	Cell signalling	#2535
AMPK	1:2,000	Cell signalling	#2793
p-LKB1 (S428)	1:2,000	Cell signalling	#3482
LKB1	1:2,000	Cell signalling	#3047
p-ACC (S79)	1:2,000	Cell signalling	#3661
ACC	1:2,000	Cell signalling	#3662
p-HSL (S563)	1:2,000	Cell signalling	#4139
HSL	1:2,000	Cayman chemical	#10006371
COX-2	1:2000	Cayman chemical	#160106
β -Actin	1:10,000	Sigma	A5441
<i>Secondary antibodies</i>			
Goat anti-rabbit IgG- HRP	1:2000	Jackson ImmunoResearch Laboratories	111-035-045
Goat anti-mouse-IgG- HRP	1:2000	Jackson ImmunoResearch Laboratories	115-035-062

Table S2: Sequences of primers used for quantitative real-time PCR.

Gene	Forward	Reverse
C/EBP- α	TTACAACAGGCCAGGTTTCC	GGCTGGCGACATACAGTACA
PPAR- γ	AGGCCGAGAAGGAGAAGCTGTTG	TGGCCACCTCTTTGCTCTGCTC
FAS	TTGCTGGCACTACAGAATGC	AACAGCCTCAGAGCGACAAT
Perilipin A	CACTCTCTGGCCATGTGGA	AGAGGCTGCCAGGTTGTG
Leptin	GACCGGGAAAGAGTGACAGG	AGAGCAATCTGACACCAGCC
Adiponectin	ACGACACCAAAAGGGCTCAG	CGTCATCTTCGGCATGACTG
ACC	CAAGTGCTCAAGTTTGGCGC	CAAGAACCACCCCGAAGCTC
18S rRNA	GTAACCCGTTGAACCCCAT	CCATCCAATCGGTAGTAGCG

Table S3: Sequences of primers used for Reverse-transcription polymerase chain reaction (RT-PCR).

Gene	Forward	Reverse
COX-2	TTGAAGACCAGGAGTACAGC	GGTACAGTTCCATGACATCG
iNOS	GACAAGCTGCATGTGACATC	GCTGGTAGGTTCCCTGTTGTT
Actin	TCATGAAGTGTGACGTTGACATCCGT	CCTAGAAGCATTTCGCGGTGCACGATG