

**Table S2**

<b>Protein Symbol</b>	<b>Antibody for protein complete name</b>	<b>Company</b>	<b>Reference</b>
ACC	Anti- Acetyl CoA Carboxylase	Cell Signaling Technology	3662
pACC	Anti- Acetyl CoA Carboxylase phosphorylated at serine 79	Cell Signaling Technology	3661
ACTB	Anti- beta-Actin	Cell Signaling Technology	3700
AMPK	Anti- Total AMP-Activated Protein Kinase	Cell Signaling Technology	2793
pAMPK	Anti- AMP-Activated Protein Kinase phosphorylated at threonine 172	Cell Signaling Technology	2535
ATGL	Anti- Adipose Triglyceride Lipase	Cayman Chemical	10006409
CPT1	Anti- Carnitine Palmitoyl Transeferase 1	Santa Cruz Biotechnology	sc-98834
PPARGC1	Anti- Peroxisome proliferator-activated receptor gamma, coactivator 1 alpha	Santa Cruz Biotechnology	sc-13067
STAT3	Anti- Total Signal transducer and activator of transcription 3	Santa Cruz Biotechnology	sc-482
pSTAT3	Anti- Signal Transducer and Activator of Transcription 3 phosphorylated at tyrosine 705	Cell Signaling Technology	9145

**Table S2:** List of antibodies used in Western Blot procedures.