

**Supplementary Table 1. Antibodies used for western blots and immunohistochemistry.**

Antibody	Clone /Cat. No.	Dilution		Source	Incubation	Supplier
		W	I			
ACC	07-439	1:1000		Rabbit	O/N, 4°C	Upstate/Millipore, (Billerica, MA)
ACC mAb	3676		1:50	Rabbit	O/N, 4°C	Cell Signaling
p-S79-ACC	07-303	1:1000		Rabbit	O/N, 4°C	Upstate/Millipore
Akt	9272	1:1000		Rabbit	O/N, 4°C	Cell Signaling
p-S473-Akt	9271	1:1000		Rabbit	O/N, 4°C	Cell Signaling
p-T308-Akt	9275	1:1000		Rabbit	O/N, 4°C	Cell Signaling
AMPK- $\alpha$	2532	1:1000	1:100	Rabbit	O/N, 4°C	Cell Signaling
AMPK- $\alpha$ 1	Ab3759-51		1:50	Rabbit	O/N, 4°C	Abcam
p-T172-AMPK- $\alpha$ mAb	2535 (40H9)	1:1000	1:100	Rabbit	O/N, 4°C	Cell Signaling
aP2 (FABP4)	3544	1:1000		Rabbit	O/N, 4°C	Cell Signaling
$\beta$ -actin	AC-74	1:500		Mouse	O/N, 4°C	Sigma
CaMKI	H-8	1:1000		Mouse	O/N, 4°C	SCBT
p-T177-CaMKI	sc-28438-R	1:1000		Rabbit	O/N, 4°C	SCBT
CREB	9192	1:1000		Rabbit	O/N, 4°C	Cell Signaling
p-S133-CREB	9191	1:1000		Rabbit	O/N, 4°C	Cell Signaling
eNOS	sc-654	1:1000	1:50	Rabbit	O/N, 4°C	SCBT
p-S617-eNOS	07-561	1:1000		Rabbit	O/N, 4°C	Upstate/Millipore
p-S635-eNOS	07-562	1:1000		Rabbit	O/N, 4°C	Upstate/Millipore
p-S1177-eNOS	9571	1:1000	1:100	Rabbit	O/N, 4°C	Cell Signaling
p-T495-eNOS	9574	1:1000		Rabbit	O/N, 4°C	Cell Signaling
GSK-3 $\beta$	7/GSK-3b	1:1000		Mouse	O/N, 4°C	BD Transduction Laboratories
p-S9-GSK-3 $\beta$	9336	1:1000		Rabbit	O/N, 4°C	Cell Signaling
LKB1	Ley 37D/G6	1:1000	1:50	Mouse	O/N, 4°C	SCBT
p-S431-LKB1	3051	1:1000		Rabbit	O/N, 4°C	Cell Signaling
p-(S/T) PKA Substrates	9621S	1:1000		Rabbit	O/N, 4°C	Cell Signaling
SIRT1	07-131	1:1000	1:50	Rabbit	O/N, 4°C	Upstate/Millipore
Src	GD11	1:1000		Mouse	O/N, 4°C	Upstate/Millipore
p-Y416-Src	9A6	1:1000		Mouse	O/N, 4°C	Upstate/Millipore
Anti-Rabbit-HRP	NA934V	1:10,000		Donkey	1 hr, RT	Amersham (Piscataway, NJ)
Anti-Mouse-HRP	NXA931	1:10,000		Sheep	1 hr, RT	Amersham

W, dilution used for western blotting; I, dilution used for immunohistochemistry; O/N, overnight; RT, room temperature.