

**Table S2. Antibodies used in this study.**

<i>Antigen</i>	<i>Source</i>	<i>Buffers</i>	<i>Dilution</i>
<b>Western Blot</b>			
<i>Raptor</i>	CST (2280)	5% Non-fat milk	1:1000
<i>UCP1</i>	Abcam (ab10983)	5% Non-fat milk	1:1000
<i>AKT1</i>	CST (2938)	5% Non-fat milk	1:1000
<i>AKT2</i>	CST (3063)	5% Non-fat milk	1:1000
<i>AKT3</i>	CST (3788)	5% Non-fat milk	1:1000
<i>T308-AKT</i>	CST (4056)	5% BSA	1:1000
<i>S473-Akt</i>	CST (4058)	5% BSA	1:1000
<i>S9-GSK3<math>\beta</math></i>	CST (9323)	5% BSA	1:1000
<i>GSK3<math>\beta</math></i>	CST (9315)	5% Non-fat milk	1:1000
<i>T246-PRAS40</i>	CST (2997)	5% BSA	1:1000
<i>PRAS40</i>	CST (2691)	5% Non-fat milk	1:1000
<i>T1462-TSC2</i>	CST (3617)	5% BSA	1:1000
<i>T642-AS160</i>	CST (4288)	5% BSA	1:1000
<i>AS160</i>	MILLIPORE (07-741)	5% Non-fat milk	1:1000
<i>T389-S6K1</i>	CST (9234)	5% BSA	1:1000
<i>S6K1</i>	Santa Cruz (sc-9027)	5% Non-fat milk	1:1000
<i>T37/46-4EBP1</i>	CST (9459)	5% BSA	1:5000
<i>4EBP1</i>	CST (9644)	5% Non-fat milk	1:5000
<i>CHREBP</i>	Novus Biologicals (NB400-135, Lot M5)	1% Non-fat milk/0.05% BSA	1:2000
<i>Perilipin</i>	CST (9349)	5% Non-fat milk	1:1000
<i>PPAR<math>\gamma</math></i>	Santa Cruz (sc-7196)	5% Non-fat milk	1:1000
<i>Mouse IgG</i>	CST (7076)	5% Non-fat milk	1:5000 – 1:20000
<i>Rabbit IgG</i>	CST (7074)	5% Non-fat milk	1:5000 – 1:20000
<b>Flow Cytometry</b>			
<i>CD31-PE-Cy7</i>	eBioscience (25-0311)	2% FBS HBSS	1:1000
<i>CD45-PE-Cy7</i>	eBioscience (25-00451)	2% FBS HBSS	1:1000
<i>CD29-A700</i>	Biolegend (102218)	2% FBS HBSS	1:400
<i>CD34-A647</i>	Biolegend (119314)	2% FBS HBSS	1:200
<i>Sca1-PacBlue</i>	BD Bioscience (560653)	2% FBS HBSS	1:1000