

Supplementary Information

Supplementary Table 1. Information about the primary antibodies

Antibody	Company	Code No	Dilution ratio	Usage
Anti- α -tubulin	Proteintech	66031-1-Ig	1:2,000	WB
Anti-ChREBP	Santa Cruz	sc-33764	1:500	WB, HC
Anti-UCP1	Proteintech	23673-1-AP	1:1,000	WB
Anti-PGC1 α	Proteintech	20658-1-AP	1:1,000	WB
Anti-Dio2	Proteintech	25613-1-AP	1:1,000	WB
Anti-UCP1	Abcam	ab10983	1:1,000	IHC
Anti-Drp1	Proteintech	12957-1-AP	1:1,000	WB
Anti-p-Drp1	Abcam	ab193216	1:1,000	WB
Anti-Fis1	Proteintech	10956-1-AP	1:1,000	WB
Anti-MFN2	Proteintech	12186-1-AP	1:1,000	WB
Anti-OPA1	Proteintech	66583-1-Ig	1:1,000	WB
Anti-Parkin	Proteintech	14060-1-AP	1:1,000	WB
Anti-PTEN	Proteintech	22034-1-AP	1:1,000	WB
Anti-Pink1	Proteintech	23274-1-AP	1:1,000	WB
Anti-LC3	Proteintech	14600-1-AP	1:1,000	WB
Anti-P62	Proteintech	18420-1-AP	1:1,000	WB
Anti-Total OXPHOS	Abcam	Ab110413	1:1,000	WB
Anti- α -actin	Proteintech	60008-1-Ig	1:3,000	WB
Anti-HSP60	Proteintech	15282-1-AP	1:1,000	WB
Anti-Fasn	Abcam	Ab22759	1:2,000	WB
Anti-SCD1	Thermo Fisher	MA5-14885	1:1,000	WB
Anti-SERCA1	Proteintech	22361-1-AP	1:1,000	WB
Anti-SERCA2	Abcam	Ab183531	1:2,000	WB
Anti-CamK II	Abcam	Ab52476	1:1,000	WB
Anti-PLB	Badrilla Ltd	A010-14	1:1,000	WB
Anti-SLN	Proteintech	18395-1-AP	1:1,000	WB
Anti-ChREBP	Novus Biologicals	NB400-135		ChIP

