Table SII. Primers used for reverse transcription-quantitative PCR.

Primer set	Primers	Sequence (5'-3')
FGF21	Forward	GGGAGTCAAGACATCCAGGT
	Reverse	GGCTTCGGACTGGTAAACAT
IL1B	Forward	AGATGATAAGCCCACTCTACAG
	Reverse	ACATTCAGCACAGGACTCTC
IL1A	Forward	ATCAGTACCTCACGGCTGCTG
	Reverse	TGGGCAGTCACATACAATTGAGT
NGF	Forward	CACACTGAGGTGCATAGCGT
	Reverse	TGATGACCGCTTGCTCCTGT
DDIT3	Forward	GGAGCATCAGTCCCCCACTT
	Reverse	TGTGGGATTGAGGGTCACATC
CTH	Forward	CATGAGTTGGTGAAGCGTCAG
	Reverse	AGCTCTCGGCCAGAGTAAATA
ASNS	Forward	ATTGGCTGCCTTTTATCAGGG
	Reverse	TGTCTTCCATGCCAATTGCA
NUPR1	Forward	CTGGCCCATTCCTACCTCG
	Reverse	TCTCTTGGTGCGACCTTTC
GAPDH	Forward	TCACCACCATGGAGAAGGCT
	Reverse	TTCACACCCATGACGAACAT

ASNS, asparagine synthetase (glutamine-hydrolyzing); CTH, cystathionine γ-lyase; DDIT3, DNA damage inducible transcript 3; FGF21, fibroblast growth factor 21; NGF, nerve growth factor; NUPR1, nuclear protein 1, transcriptional regulator.

Table SIII. Primary and secondary antibodies used for western blotting.

Antibody	Isotype	Host species	Clonality	Cat. no.	Company
Anti-ERK1 + ERK2 antibody	IgG	Rabbit	Polyclonal	ab17942	Abcam
Anti-ERK1 (phospho T202 + Y204) + ERK2 (phospho T185 + Y187) antibody	IgG	Rabbit	Polyclonal	ab214362	Abcam
Anti-pan-AKT antibody	IgG	Rabbit	Polyclonal	ab8805	Abcam
Anti-AKT1 (phospho S473) antibody **(**EP2109Y**)**	IgG	Rabbit	Polyclonal	ab81283	Abcam
Anti-mTOR antibody	IgG	Rabbit	Polyclonal	ab2732	Abcam
Phospho-mTOR (Ser2448) antibody	IgG	Rabbit	Monoclonal	2971	Cell Signaling Technology, Inc.
p38 MAPK antibody	IgG	Rabbit	Polyclonal	9212	Cell Signaling Technology, Inc.
Phosphorylated p38 MAPK (Thr180/Tyr182)	IgG	Rabbit	Polyclonal	9211	Cell Signaling Technology, Inc.
Anti-Ki67 antibody	IgG	Rabbit	Monoclonal	ab92742	Abcam
Anti-β actin antibody **(**AC-15**)**	IgG1	Mouse	Monoclonal	ab6276	Abcam
Goat Anti-Mouse IgG H&L (HRP)	IgG	Goat	Polyclonal	ab205719	Abcam
Goat Anti-Rabbit IgG H&L (HRP)	IgG	Goat	Polyclonal	ab205718	Abcam