

Table SI. Antibodies used in the present study

A, Immunofluorescence staining			
Antibody	Supplier	Dilution	Cat.no.
β -tubulin	Cell Signaling Technology, Inc.	1:200	2146S
Anti-GFAP	Abcam	1:200	ab279290
Anti-Iba1	Wako Chemicals GmbH	1:800	019-19741
Anti-Neurofilament	Abcam	1:200	ab134306
Goat anti-Rabbit IgG (H+L) cross-adsorbed, Alexa Fluor 488	Thermo Fisher Scientific, Inc.	1:1,000	A-11008
Goat anti-Mouse IgG (H+L) highly cross-adsorbed, Alexa Fluor 633	Thermo Fisher Scientific, Inc.	1:1,000	A-21052
B, Western blotting			
Antibody	Supplier	Dilution	Cat.no.
PERK (C33E10) rabbit mAb	Cell Signaling Technology, Inc.	1:1,000	3192
Phosphorylated-PERK (Thr980) (16F8) rabbit mAb	Cell Signaling Technology, Inc.	1:1,000	3179
eIF2 α (D7D3) rabbit mAb	Cell Signaling Technology, Inc.	1:1,000	5324
Phosphorylated-eIF2 α (Ser51)	Cell Signaling Technology, Inc.	1:1,000	9721S
IRE1 α (14C10) rabbit mAb	Cell Signaling Technology, Inc.	1:1,000	3294
Anti-DDIT3 (CHOP)	Abcam	1:1,000	ab11419
Anti-caspase-12	Abcam	1:1,000	ab62484
ATF6 rabbit pAb	ABclonal Biotech Co., Ltd.	1:1,000	A0202
GRP78 rabbit pAb	ABclonal Biotech Co., Ltd.	1:1,000	A0241
Anti-Bax	Abcam	1:1,000	ab32503
HRK polyclonal	Invitrogen; Thermo Fisher Scientific, Inc.	1:1,000	PA1-86773
Cleaved caspase-3 (Asp175)	Cell Signaling Technology, Inc.	1:1,000	9661

Caspase-3	Cell Signaling Technology, Inc.	1:1,000	9662
PUMA	Cell Signaling Technology, Inc.	1:1,000	24633
Anti -GAPDH Rabbit pAb	Wuhan Servicebio Technology Co., Ltd.,	1:2,000	GB11002
HRP Goat Anti-Rabbit IgG (H+L)	ABclonal Biotech Co., Ltd.	1:5,000	AS014
HRP Goat Anti-Mouse IgG (H+L)	ABclonal Biotech Co., Ltd.	1:5,000	AS003

PERK, protein kinase R-like ER kinase;CHOP, C/EBP homologous protein; GRP78, glucose-regulated protein 78; GFAP, glial fibrillary acidic protein; Iba1, ionized calcium binding adaptor molecule 1.

Table SII. Primers used in reverse transcription-quantitative PCR

Gene	Sequence (5'-3')
Bcl-2	F: GGTGAACTGGGGGAGGATTG
	R: GCATGCTGGGGCCATATAGT
Bax	F: AGGGTTTCATCCAGGATCGAGCAG
	R: ATCTTCTTCCAGATGGTGAGCGAG
PUMA	F: AGCAGCACCTAGAGTCGCC
	R: TCGGTGTCGATGTTGCTCTTC
DP5	F: CTGGGCGACGAGCTGC
	R: CTACGCGCTCCGCCTG
β -actin	F: AGATGACCCAGATCATGTTTGAGA
	R: ATGTCACGCACGATTTCCT

F, forward; R, reverse.