

Supplementary Materials

Table S1. Detailed information about the kits and antibodies used in this study.

Kits / Antibodies	Manufacturers	Cat No.	Application (dilution ratio)
RNAsimple Total RNA Kit		DP419	-
FastKing gDNA Dispelling RT SuperMix Kit	TIANGEN Biotech (Beijing) Co., Ltd., China	KR118	-
RealUniversal Color PreMix (SYBR Green) Kit		FP205	-
Hydroxyproline (HYP) Content Assay Kit	Beijing Solarbio Science & Technology Co., Ltd., China	BC0255	-
Rabbit polyclonal anti-Collagen I (Col-I) antibody		AF7001	IHC (1:200)
Rabbit polyclonal anti-Fibronectin (Fn) antibody	Affinity Biosciences (Jiangsu), China	AF5335	IHC (1:200)
Rabbit monoclonal anti-LC3B antibody	Abcam	AB192890	WB (1:4000)
Rabbit monoclonal anti-p62/SQSTM1 Antibody	Abmart Inc. China	T55546	WB (1:5000)
Rabbit polyclonal anti-ATG7 antibody		DF6130	IF (1:200)
Rabbit polyclonal anti-LC3B antibody		AF4650	IF (1:200)
Rabbit polyclonal anti-SQSTM1/P62 antibody		AF5384	IF (1:200)
Rabbit polyclonal anti- β -actin antibody		AF7018	WB (1:5000)
Rabbit polyclonal anti-LAMP1 antibody	Affinity Biosciences (Jiangsu), China	DF4806	WB (1:1000)
Rabbit polyclonal anti-CTSB antibody		AF5189	WB (1:500)
Rabbit polyclonal anti-Bax antibody		AF0120	WB (1:1000)
Rabbit polyclonal anti-Bcl2 antibody		AF6139	WB (1:1000)
Rhodamine-labeled goat anti-rat IgG (H+L) (affinity purified)		ZF-0318	IF (1:100)
Alexa Fluor® 488-labeled goat anti-rabbit IgG (H+L) (affinity purified)	Beijing Zhongshan Jinqiao Biotechnology Co., Ltd., China	ZF-0511	IF (1:400)
Rabbit Two-Step Assay Kit (Rabbit Enhanced Polymer Assay System)		PV-9001	IHC
Horseradish peroxidase-labeled goat anti-rabbit IgG (H + L)	Affinity Biosciences (Jiangsu), China	S0001	WB (1:5000)

Table S2. Primer sequence information used in this study.

Gene	GenBank Accession No.	Forward primer (5'-3')	Reverse primer (5'-3')	Fragment Length
<i>GAPDH</i>	NM_001411843	GTATTGGGCGCCTGGTCACC	CGCTCCTGGAAGATGGTGATGG	202
<i>TNF-α</i>	NM_001278601	GCTGAGCTCAAACCCTGGTA	CGGACTCCGCAAAGTCTAAG	118
<i>IL-1β</i>	NM_008361	GCCTCGTGCTGTCGGACCCATAT	TCCTTTGAGGCCCAAGGCCACA	143
<i>MCP-1</i>	NM_011333	TTGACCCGTAAATCTGAAGCTAATTCACAGTCCGAGTCACACTAGTTCAC		110
<i>TGF-β1</i>	NM_011577	CCACCTGCAAGACCATCGAC	CTGGCGAGCCTTAGTTTGGAC	91
<i>Col-I</i>	NM_007742	TAGGCCATTGTGTATGCAGC	ACATGTTTCTGCTTTGTGGACC	110
<i>Fn</i>	NM_001276413	CTGACTGGCCTTACCAGAGG	GTTGTCATGGCACCATTTCAG	288
<i>ATG7</i>	NM_001379130	TGCCAGAGGATTCAACAT	CATCAATAGGAAGACGACATC	139
<i>LC3B</i>	NM_026160	TTATAGAGCGATACAAGGGGGAG	CGCCGTCTGATTATCTTGATGAG	109
<i>P62</i>	NM_011018	AGGATGGGGACTTGGTTGC	TCACAGATCACATTGGGGTGC	178