

Supplementary Table S1:

Antibodies used for Western blot		
Antibody	Dilution	Company
catalase; rabbit IgG	1:1000	Cell Signaling Technology, Danvers, MA, USA
SOD1; rabbit IgG	1:10,000	Abcam, Cambridge, UK
SOD2; rabbit IgG	1:1000	Cell Signaling Technology, Danvers, MA, USA
GAPDH; mouse IgG	1:10,000	Abcam, Cambridge, UK
β -Actin; mouse IgG	1:10,000	Sigma-Aldrich, St. Louis, USA
NPC2	1:1000	Abcam, Cambridge, UK
LC3BI/II	1:1000	Cell Signaling Technology, Danvers, MA, USA
Antibodies used for immunocytochemistry		
Antibody	Dilution	Company
Sox2, rabbit IgG	1:200	Abcam, Cambridge, UK
nestin, mouse IgG	1:100	R&D; Minneapolis, USA
Pax6, rabbit IgG	1:200	Abcam, Cambridge, UK
β III-tubulin, mouse IgG	1:100	Santa Cruz, Dallas, USA
GFAP, rabbit IgG	1:500	Sigma Aldrich, St. Louis, USA
Alexa Fluor 568; goat anti-mouse IgG	1:500	Invitrogen, Carlsbad, USA
Alexa Fluor 568; goat anti-rabbit IgG	1:500	Invitrogen, Carlsbad, USA
Alexa Fluor 488, goat anti-mouse IgG	1:500	Invitrogen, Carlsbad, USA
Primer used for qRT-PCR		
Target	Forward/Reverse primer (5'- 3')	
SOD1	AGGCCCTTAACATCATCT / CTACAGGTACTTTAAAGCAACTCT	
SOD2	GCACTAGCAGCATGTTGAGC / GCGTTGATGTGAGGTTCCAG	
Catalase	TTTCCCAGGAAGATCCTGAC / ACCTTGGTGAGATCGAATGG	
YWHAZ	GTCTGTAAGTGAAGGAGC / CTCTGCTTGTGAAGCATTGGG	