

Table S1. List of primary antibodies used in western blot analysis

Antigen	Manufacturer	Catalog number	Dilution
TH	Cell Signaling	58844	1:2000
p-CREB	Cell Signaling	9198	1:2000
NQO1	Cell Signaling	62262	1:5000
Bcl2	Abcam	ab59348	1:5000
GDNF	Abcam	ab18956	1:2000
Iba-1	Wako	019-19741	1:2000
iNOS	BD bioscience	610431	1:2000
TNF- α	Santa Cruz	133192	1:500
IL-6	Santa Cruz	57315	1:500
TLR2	Santa Cruz	10739	1:2000
TLR4	Santa Cruz	10741	1:2000
IL-10	Santa Cruz	365858	1:500
Nrf2	Santa Cruz	722, 365949	1:500
TGF- β	Santa Cruz	146	1:500
PGC-1 α	Millipore	ST1202	1:1000
HO-1	Enzo Life	ADI-SPA-895	1:5000
MnSOD	Enzo Life	ADI-SOD-111	1:5000
4-HNE	Alpha diagnostic	HNE11-S	1:5000
COX-2	MyBioSource	MBS9410607	1:2000
IL-1 β	MyBioSource	MBS175705	1:2000
GCLC	MyBioSource	MBS9132879	1:5000
GCLM	GeneTex	GTX114075	1:5000
GFAP	Sigma-Aldrich	G3893	1:5000
BDNF	Sigma-Aldrich	SAB2108004	1:2000
β -actin	Sigma-Aldrich	A1978	1:10000

Table S2. List of primary antibodies used in IHC and IF staining

Antigen	Manufacturer	Catalog number	Dilution
TH	Cell Signaling	58844	1:2000
GFAP	Sigma-Aldrich	G3893	1:5000
Iba-1	Wako	019-19741	1:2000
NeuN	Millipore	MAB377	1:2000
Nrf2	Santa Cruz	722	1:1000
HO-1	Enzo Life	ADI-SPA-895	1:5000
NQO1	Cell Signaling	62262	1:5000
8-OHdG	Antibodies-online	ABIN674319	1:1000