

**SUPPLEMENTAL DIGITAL CONTENT:**

Supplemental Table 1. Source and dilutions of the primary antibodies used for immunohistochemistry.

**Supplemental Table 1.** Antibodies used for immunohistochemistry.

Protein	Host	Source	Catalog #	Dilution
AKT	Mouse	Cell Signaling Technology	9272	1:200
Catalase	Rabbit	Chemicon,	AB1212	1:800
CAV-1	Rabbit	Santa Cruz	sc-894	1:200
COX-1	Goat	Santa Cruz	sc-1752	1:400
COX-2	Rabbit	Cayman Chemical	160106	1:800
eNOS	Mouse	BD Transduction	610296	1:800
phospho-eNOS	Mouse	BD Transduction	612393	1:800
MDA	Rabbit	Abcam	Ab6463	1:200
Nitrotyrosine	Rabbit	Chemicon	AB5411	1:200
VCAM-1	Mouse	MU-CIC core	None	10-30 ug/ml
SOD-1	Rabbit	Stressgen	SOD-100	1:800
SOD-2	Rabbit	Stressgen	SOD-110	1:800
ecSOD	Rabbit	Assay Designs	SOD-106	1:400
SRA	Mouse	Transgenic Inc.	KT-022	1:100

CAV-1, caveolin-1; COX-1 and -2, cyclooxygenase-1 and -2; eNOS, endothelial nitric oxide synthase; MDA, malondialdehyde; VCAM-1, vascular cell adhesion molecule-1; SOD-1 and SOD-2, superoxidase dismutase-1 and -2; ecSOD, extracellular superoxidase dismutase; SRA, scavenger receptor A.