

Table S1 EC50 analyses for phenylephrine and Ca²⁺ induced vasocontractions.

		WKY	WKY+ATX	SHR	SHR+ATX
	n	8	8	8	8
Phe with E	Mean(log)	-6.14	-6.11	-6.76*	-6.42 [#]
	Sd	0.05	0.04	0.06	0.05
Phe without E	Mean(log)	-7.14	-7.13	-7.34*	-7.16 [#]
	Sd	0.05	0.06	0.07	0.05
Ca ²⁺ with E	Mean(log)	-3.82	-3.73	-3.89	-4.02
	Sd	0.95	0.27	0.10	0.81
Ca ²⁺ without E	Mean(log)	-3.88	-3.80	-3.88	-3.91
	Sd	0.11	0.12	0.10	0.15

Phe, phenylephrine; E, endothelium. * P<0.05 vs.corresponding WKYs; [#] P<0.05 vs. corresponding SHRs.

Table S2 Maximum response analyses for phenylephrine and Ca²⁺ induced vasocontractions.

		WKY	WKY+ATX	SHR	SHR+ATX
	n	8	8	8	8
Phe with E	Mean (%)	97.19	96.79	139.00*	104.37 [#]
	Sd	9.12	12.83	15.27	11.70
Phe without E	Mean (%)	157.73	161.69	207.65*	176.70 [#]
	Sd	15.96	16.81	18.30	13.26
Ca ²⁺ with E	Mean (%)	99.83	93.83	147.40*	117.85 [#]
	Sd	18.71	13.54	18.31	18.83
Ca ²⁺ without E	Mean (%)	135.46	129.46	182.22*	154.44 [#]
	Sd	13.60	8.97	16.01	18.50

Phe, phenylephrine; E, endothelium. * P<0.05 vs.corresponding WKYs; [#] P<0.05 vs. corresponding SHRs.