

S3 Table. Primary antibodies used for immunostaining

Antibody	Catalogue number	Reference/Manufacturer	Dilution
Anti-HtrA1	-	[1]	1:1,000
Anti-HtrA3	-	[2]	1:1,000
Anti-smooth muscle α -actin (SMA)	ab5694	Abcam	1:100
Anti-calponin	ab46794	Abcam	1:400
Anti-vimentin	ab45939	Abcam	1:100 (for aorta) or 1:400 (for VSMCs)
Anti-osteopontin	MPIIIB101	Developmental Studies Hybridoma Bank	1:50 (for aorta) or 1:100 (for VSMCs)
Anti-cleaved caspase 3 (Asp175) (5A1E)	#9664	Cell Signaling Technology	1:400

References:

1. Oka C, Tsujimoto R, Kajikawa M, Koshiha-Takeuchi K, Ina J, Yano M, et al. HtrA1 serine protease inhibits signaling mediated by Tgf β family proteins. *Development*. 2004;131:1041-1053.
2. Tocharus J, Tsuchiya A, Kajikawa M, Ueta Y, Oka C, Kawaichi M. Developmentally regulated expression of mouse HtrA3 and its role as an inhibitor of TGF- β signaling. *Dev. Growth Differ*. 2004;46:257–274.