



Supplementary Fig. 2. (A) and (B) Light microscopic examination of IMA sections revealed limited, physiological immunoreactivity. Mild immunoreactivity for S100 protein was detected in the intima layer, while mild-to-moderate S100 positivity was observed in the T. media. Strong positive immunoreactivity for S100 protein was detected in the adventitia layer, which is associated with nerve sheath structures. (C) and (D) In the intima layer of atherosclerotic aorta, prominent S100-positive cells were detected among the cellular components accompanying the atheroma plaque. In the media layer, strong immunoreactivity was observed with the presence of VSMCs associated with the inflammatory response, immunopositive cells, and nerve sheath structures in the T. adventitia. En, endothelium; TI, T. Intima; TM, T. Media; TA, T. adventitia; FC, foam cell; L, lumen; EL, elastic lamina; Black arrow: Elastic Lamina irregularity. H+E, X20.