

## **Therapeutic efficacy of apelin on transplanted mesenchymal stem cells in hindlimb ischemic mice *via* regulation of autophagy**

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## Supplementary Figure Legends

**Supplementary Figure: Determination of eNOS phosphorylation in MSCs.** To achieve a better understanding of apelin-elicited cytoprotective effects, eNOS phosphorylation was assessed in MSCs. AD-MSCs were pretreated with or without apelin ( $10^{-6}$  M) for 24 hours. AD-MSCs were then subjected to a 4-hour hypoxia(H) followed with or without a 12-hour reoxygenation (H/R). eNOS phosphorylation was then determined using western blot. Presented values are means  $\pm$  SD. N=3 /group. Con, Control, \* $p < 0.05$  among groups.

