

(A) Activation of PDGFR $\beta$  was evidenced by increased p-PGFR $\beta$  in response to PDGF-BB stimulation followed by WB analysis. (B) Primary dopaminergic neurons. Representative immunocytochemical images of control group (upper panels) and PDGF-BB stimulated group (lower panels). The cells were stained for TH (red), p-PDGFR(green) and DAPI (blue), Scale bars, 50  $\mu$ m.