

Supplementary Materials

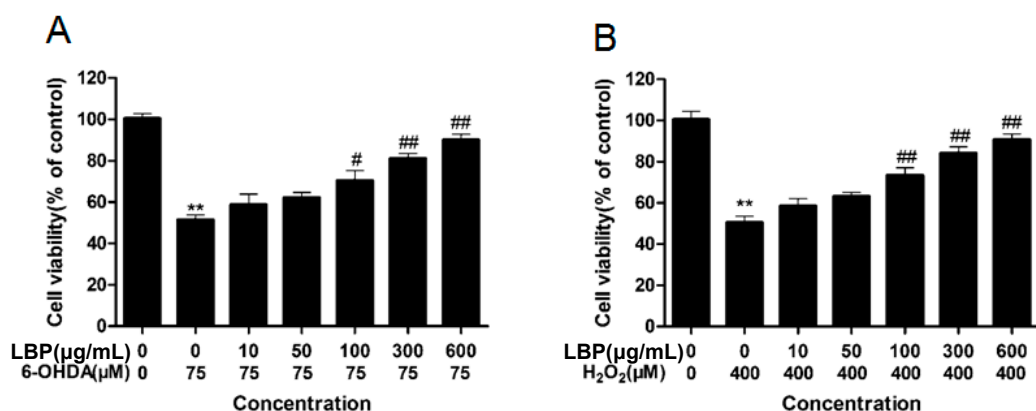


Figure S1. Cell viability was determined by MTT assay. Primary cells were preincubated with different concentrations of LBP (A) for 24 h, and then exposed to 6-OHDA (75 μM) for 24 h. Data are expressed as percentage of untreated control cells ± SD ($n = 3$). ** $p < 0.01$ compared with untreated control cells; # $p < 0.05$, ## $p < 0.01$ compared with 6-OHDA-treated cells. PC12 cells were preincubated with different concentrations of LBP (B) for 24 h, and then exposed to H₂O₂ (400 μM) for 24 h. Data are expressed as percentage of untreated control cells ± SD ($n = 3$). ** $p < 0.01$ compared with untreated control cells; # $p < 0.05$, ## $p < 0.01$ compared with H₂O₂-treated cells.

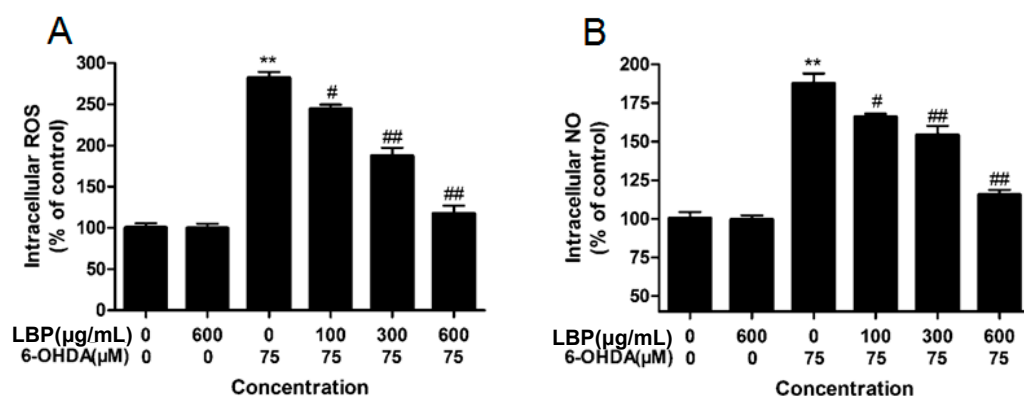


Figure S2. Effect of LBP on 6-OHDA-induced accumulation of intracellular ROS (A) and NO (B) levels in primary cells. Cells were exposed to 6-OHDA without or with different concentrations of LBP for 24 h. Data are expressed as percentage of untreated control cells ± SD ($n = 6$). ** $p < 0.01$ compared with untreated control cells; # $p < 0.05$, ## $p < 0.01$ compared with 6-OHDA-treated cells.

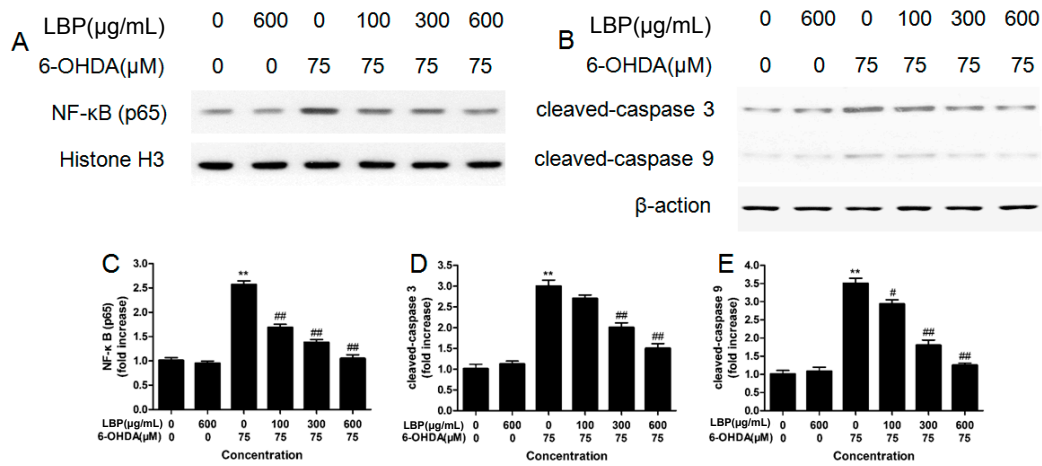


Figure S3. Effects of LBP on the activation of NF- κ B, Caspase 3 and Caspase 9. PC12 cells were exposed to 6-OHDA (75 μM) with or without various concentrations of LBP for 24 h. The changes in expression of NF- κ B in the nuclear extractions were examined by Western blot analysis (A,B). NF- κ B (p65), caspase 3 and caspase 9 activities were measured (C–E). Data obtained from quantitative densitometry were presented as mean \pm SD for three independent experiments. ** $p < 0.01$ compared with untreated control cells; # $p < 0.05$, ## $p < 0.01$ compared with 6-OHDA-treated cells.

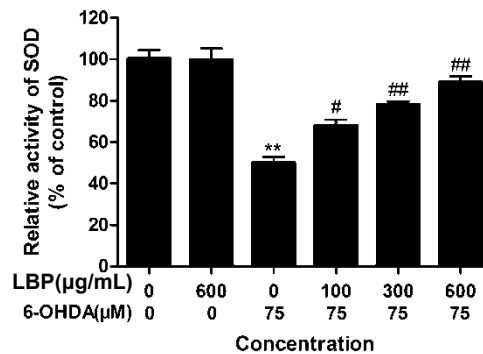


Figure S4. Effect of LBP on enzymatic activity of SOD in 6-OHDA-treated cells. PC12 cells were pretreated with different concentrations of LBP, and then exposed to 75 μM 6-OHDA for 24 h. Data are expressed as percentage of untreated control cells \pm SD ($n = 6$). ** $p < 0.01$ compared with untreated control cells; # $p < 0.05$, ## $p < 0.01$ compared with 6-OHDA-treated cells.