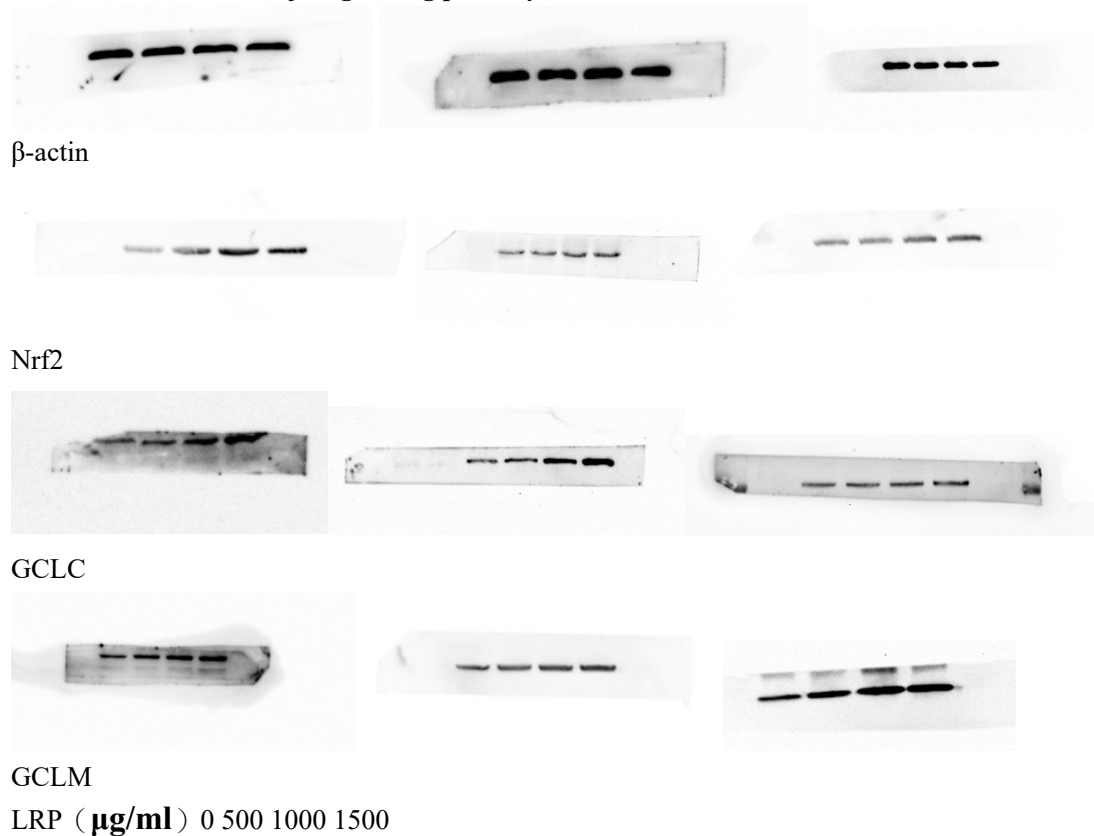
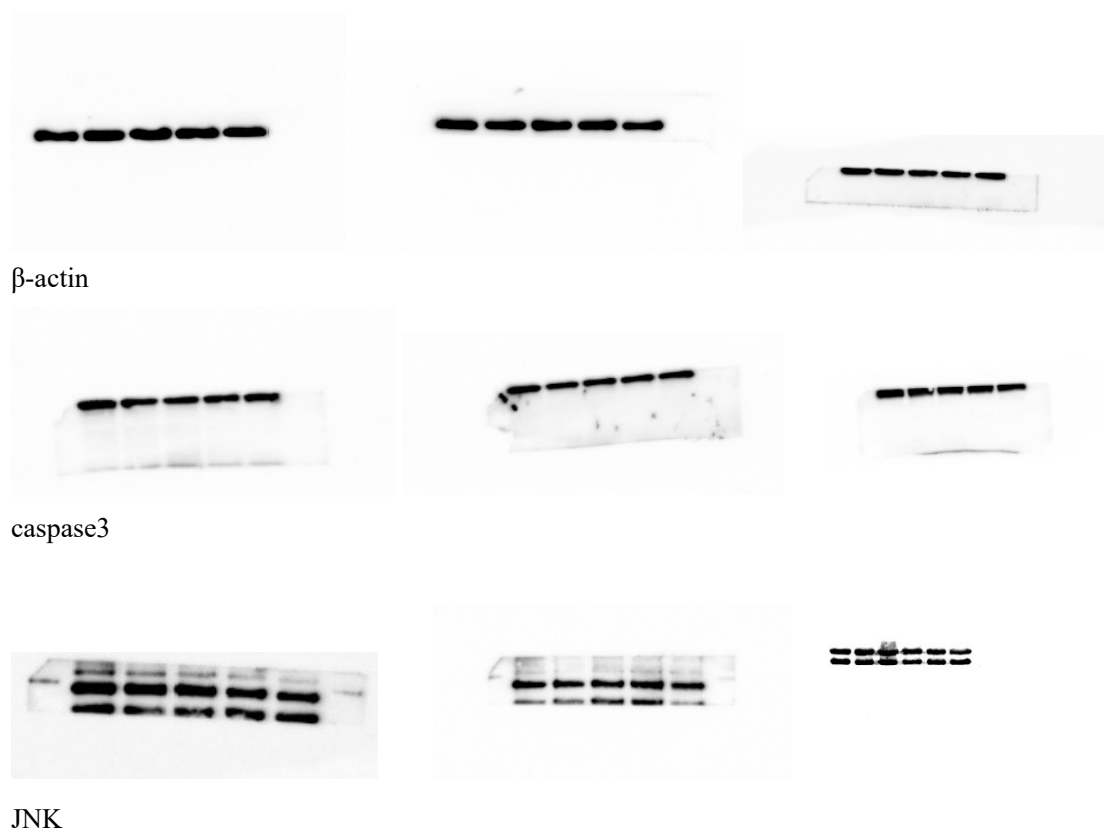


3.2 LRP activates the Nrf2 signalling pathway in SH-SY5Y cells

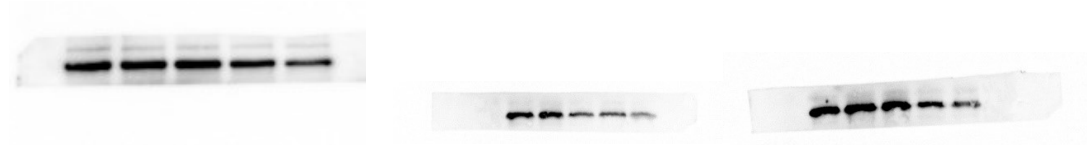


3.3 LRP down-regulates the expression levels of apoptosis proteins in SH-SY5Y cells

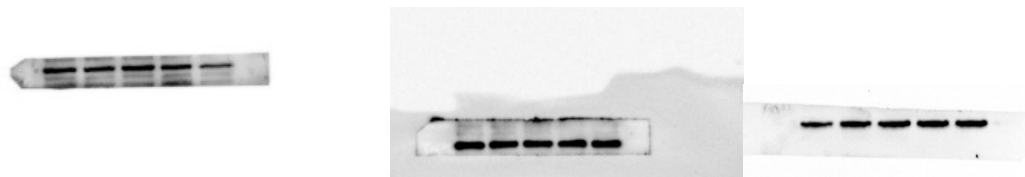




P-38



P-JNK



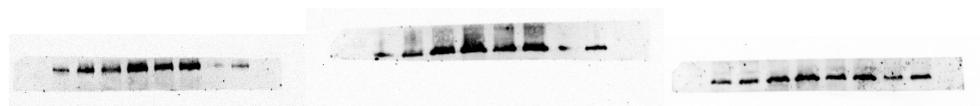
P-P38

ACR (2.5 mmol/L)	-	+	+	+	+
LRP(mg/kg)	-	-	500	1000	1500

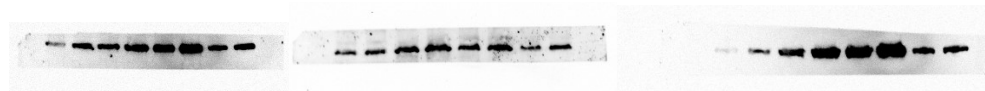
3.5 LRP activates the Nrf2 pathway in rats



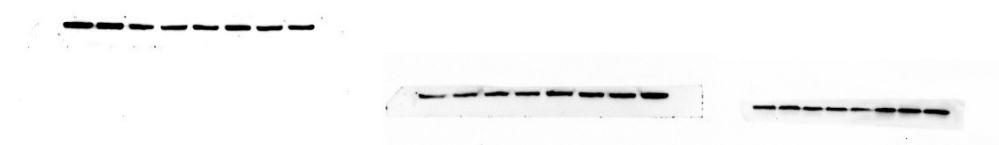
Nrf2



GCLC



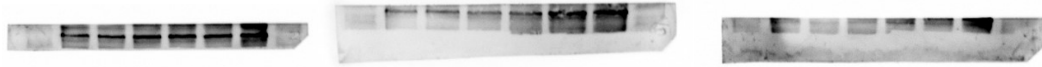
GCLM



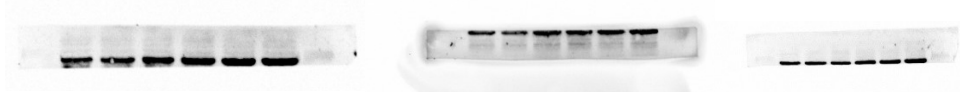
β-actin

— COR — STR — SNC — HIP

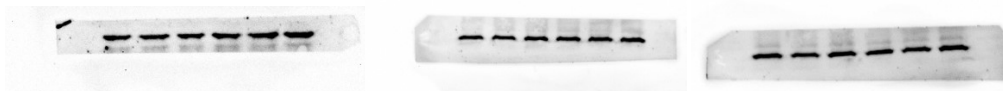
LRP(200mg/kg) - + - + - + - +



Nrf2



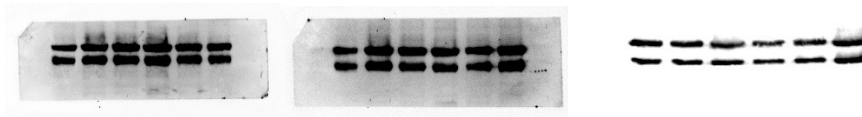
GCLM



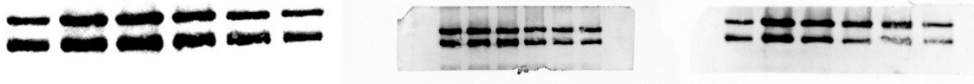
GCLC

LRP(200mg/kg) 0h 2h 4h 8h 16h 24h

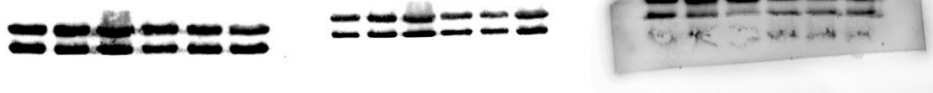
3.7 LRP down-regulates the expression levels of apoptosis proteins in rats



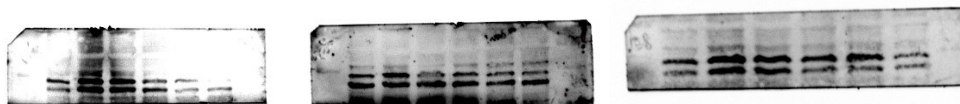
JNK



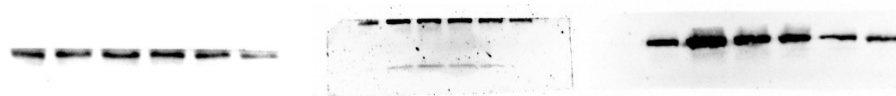
P-JNK



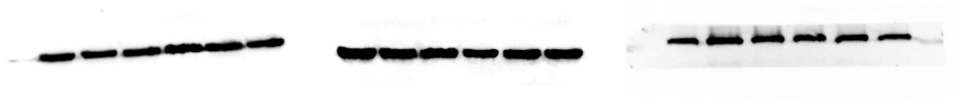
P-38



P-P38

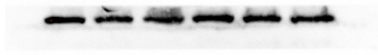


Caspase3

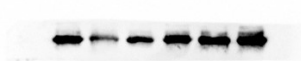


β -actin

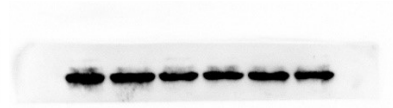
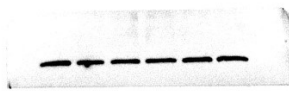
3.8 LRP protects against DA neurodegeneration in rats



TH protein in striatum



TH in SNc



β -actin

ACR (40 mg/kg)	-	+	+	+	+	-
LRP (mg/kg)	-	-	50	100	200	200