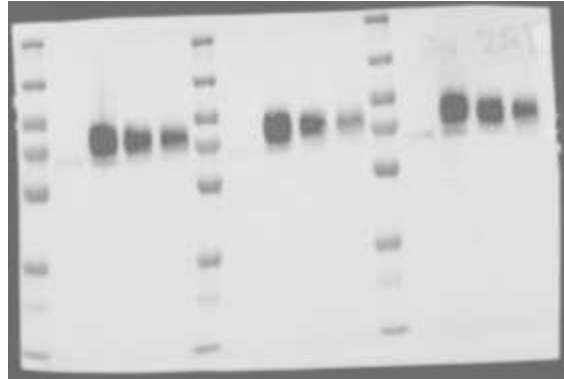
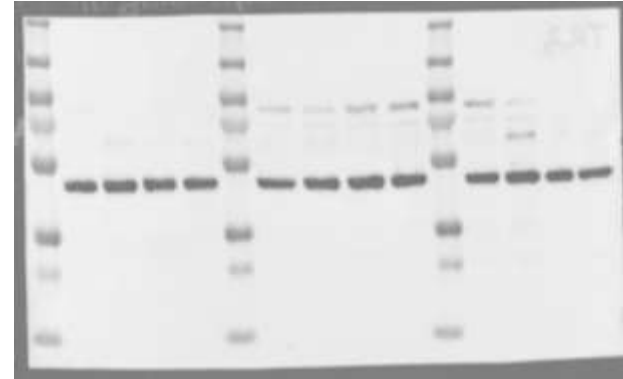


Figure 1

Sham IRI DMSO-MSCs ATRA-MSCs / Sham IRI DMSO-MSCs ATRA-MSCs / Sham IRI DMSO-MSCs ATRA-MSCs

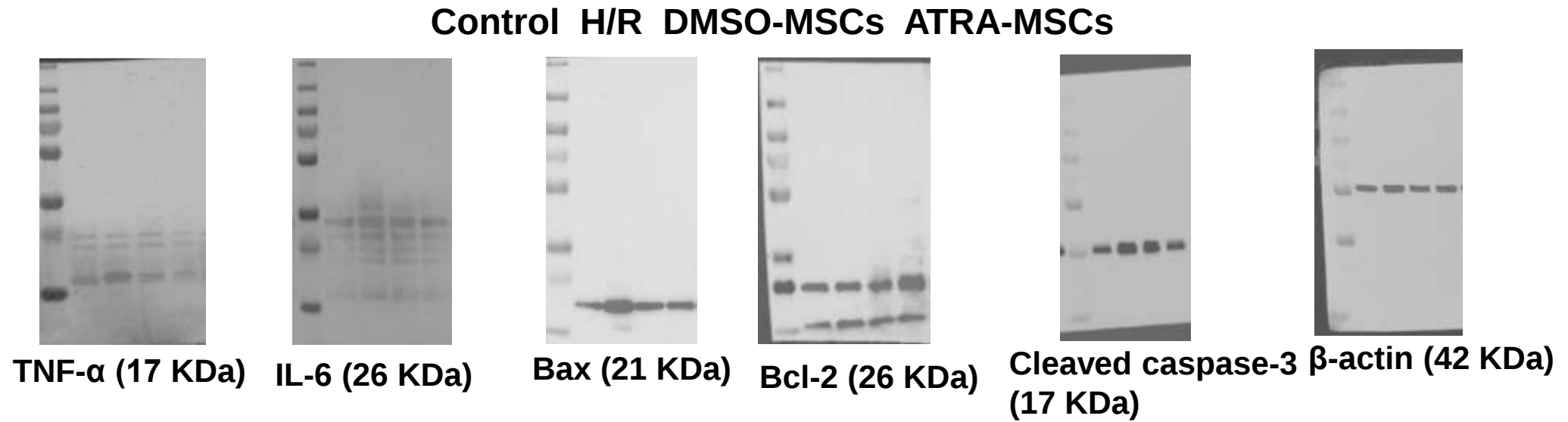


KIM-1 (75 KDa)



β -actin (42 KDa)

Figure 3



Control-1 Control-2 Control-3 H/R-1 H/R-2 H/R-3 DMSO-MSCs-1 DMSO-MSCs-2 DMSO-MSCs-3 ATRA-MSCs-1 ATRA-MSCs-2 ATRA-MSCs-3

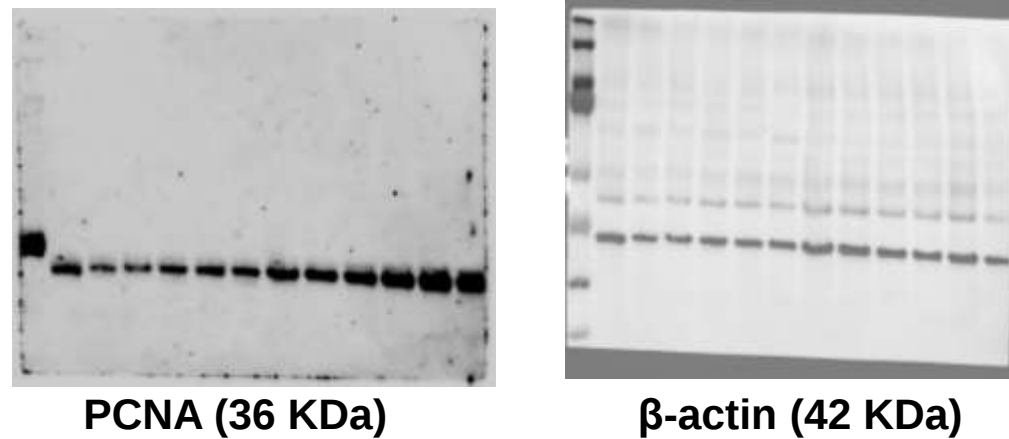
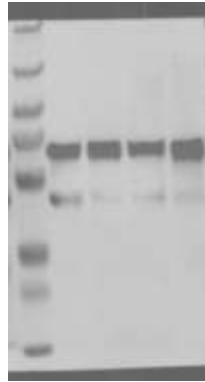
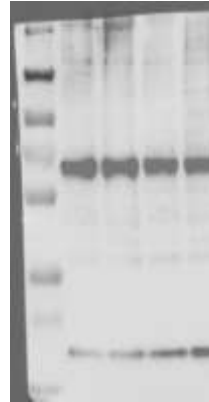


Figure 4

Sham IRI DMSO-MSCs ATRA-MSCs / Sham IRI DMSO-MSCs ATRA-MSCs / Sham IRI DMSO-MSCs ATRA-MSCs



p-AKT (60 KDa)

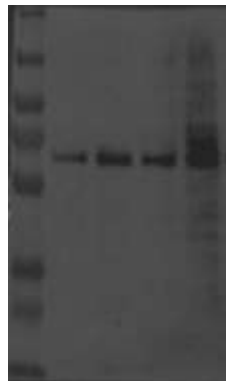


AKT (56 KDa)



β-actin (42 KDa)

Control H/R DMSO-MSCs ATRA-MSCs



p-AKT (60 KDa)



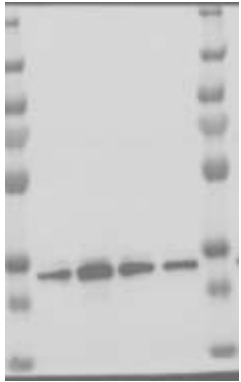
AKT (56 KDa)



β-actin (42 KDa)

Figure 5

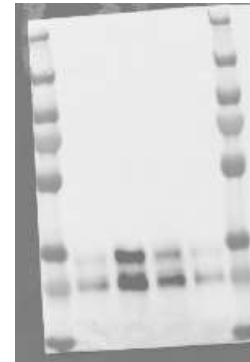
Sham IRI DMSO-MSCs ATRA-MSCs / Sham IRI DMSO-MSCs ATRA-MSCs / Sham IRI DMSO-MSCs ATRA-MSCs



TNF- α (17 KDa)



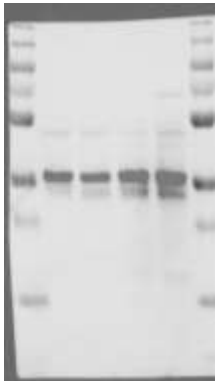
IL-6 (26 KDa)



Bax (21 KDa)



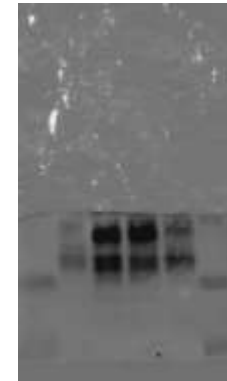
Bcl-2 (26 KDa)



PCNA (36 KDa)



Caspase-3 (32 KDa)



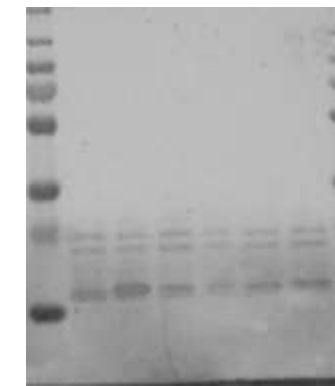
Cleaved caspase-3
(17 KDa)



β -actin (42 KDa)

Figure 6

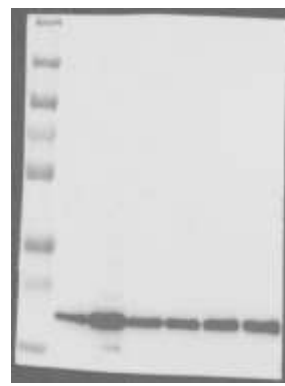
Control H/R DMSO-MSCs ATRA-MSCs ATRA-MSCs^{siHAS} ATRA-MSCs+CD44



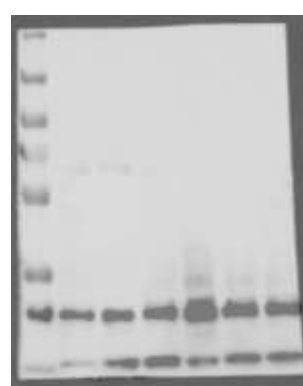
TNF-α (17 KDa)



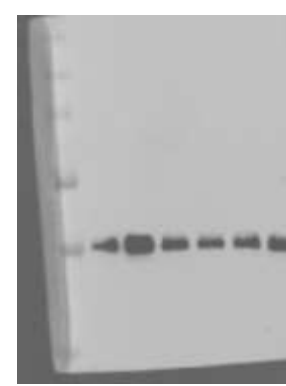
IL-6 (26 KDa)



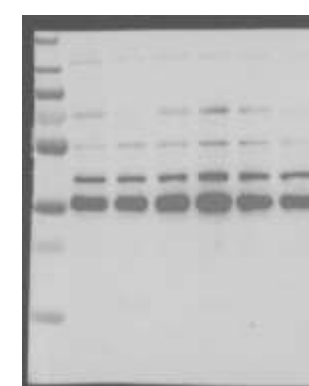
Bax (21 KDa)



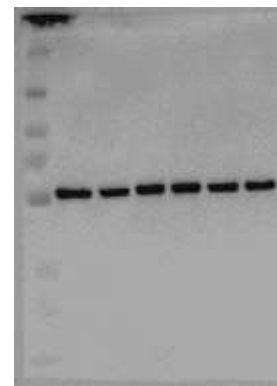
Bcl-2 (26 KDa)



Cleaved caspase-3
(17 KDa)



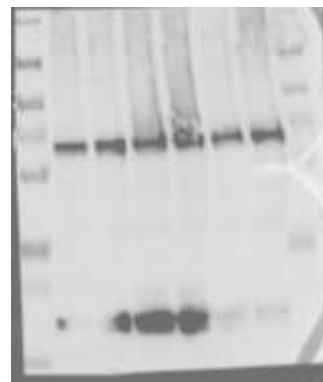
PCNA (36 KDa)



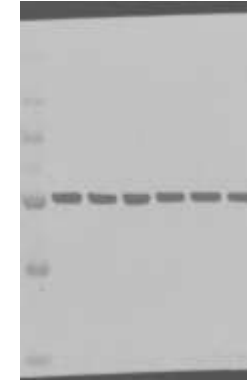
β-actin (42 KDa)



p-AKT (60 KDa)



AKT (56 KDa)



β-actin (42 KDa)