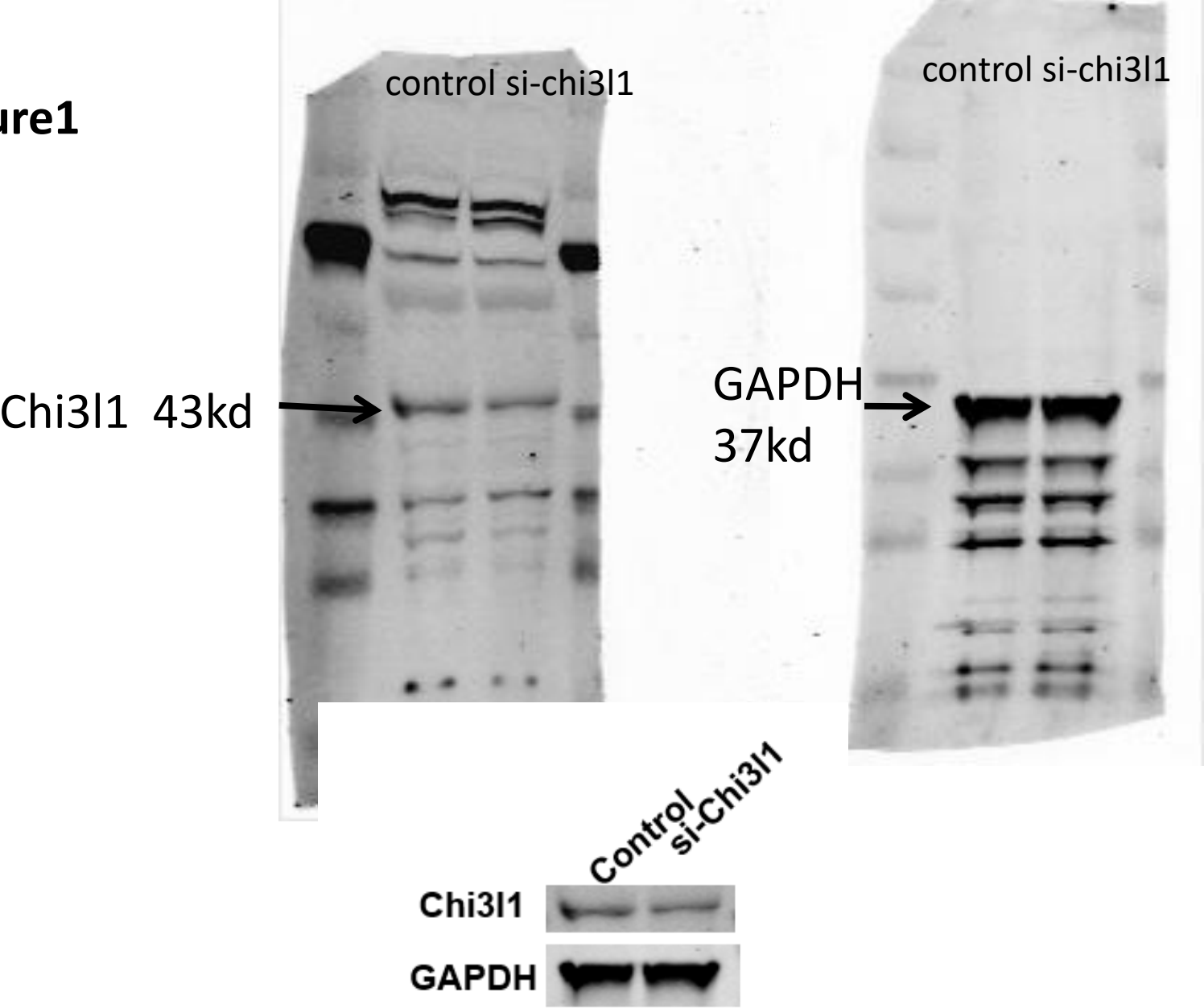


Figure1



New Figure1

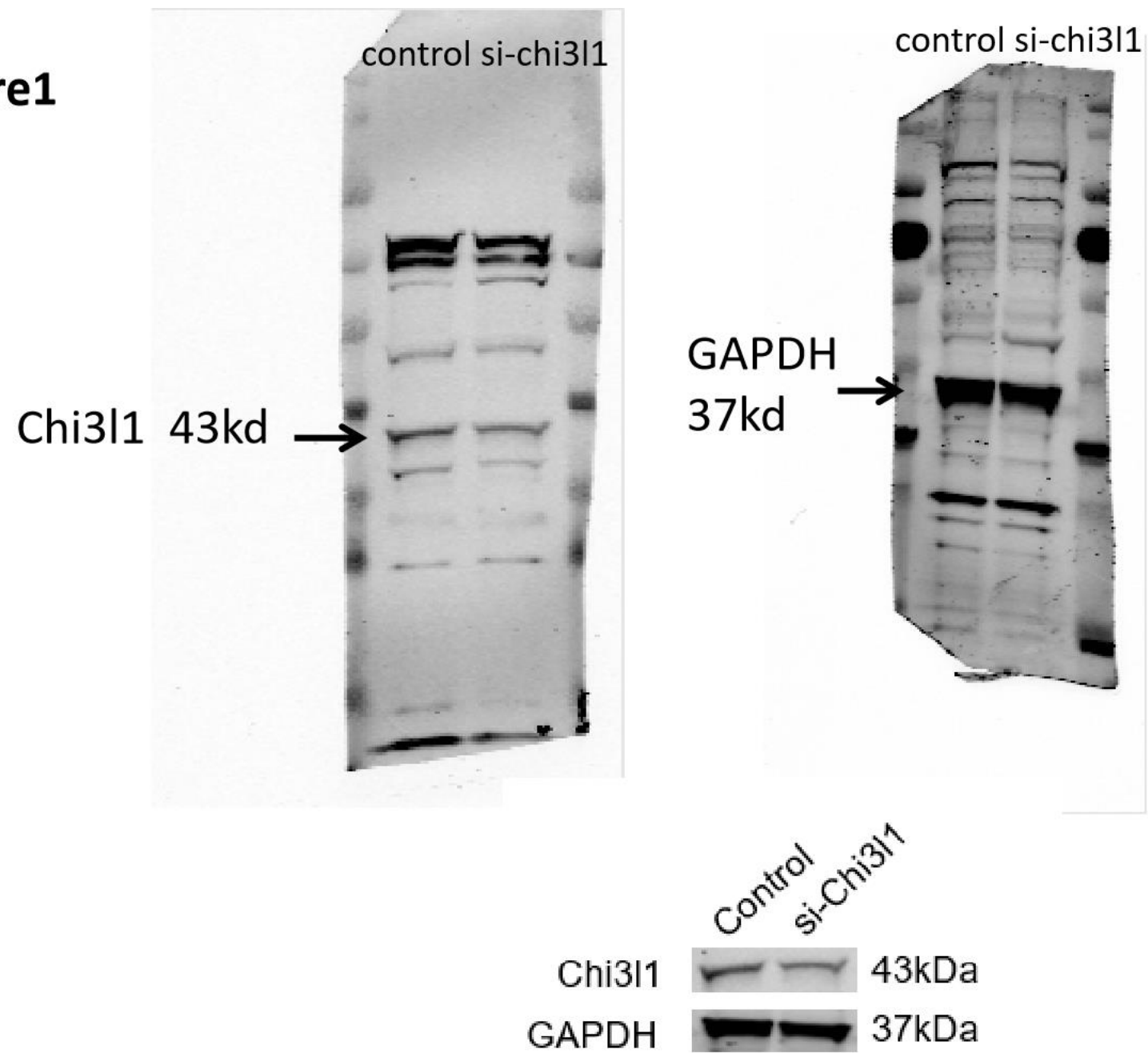
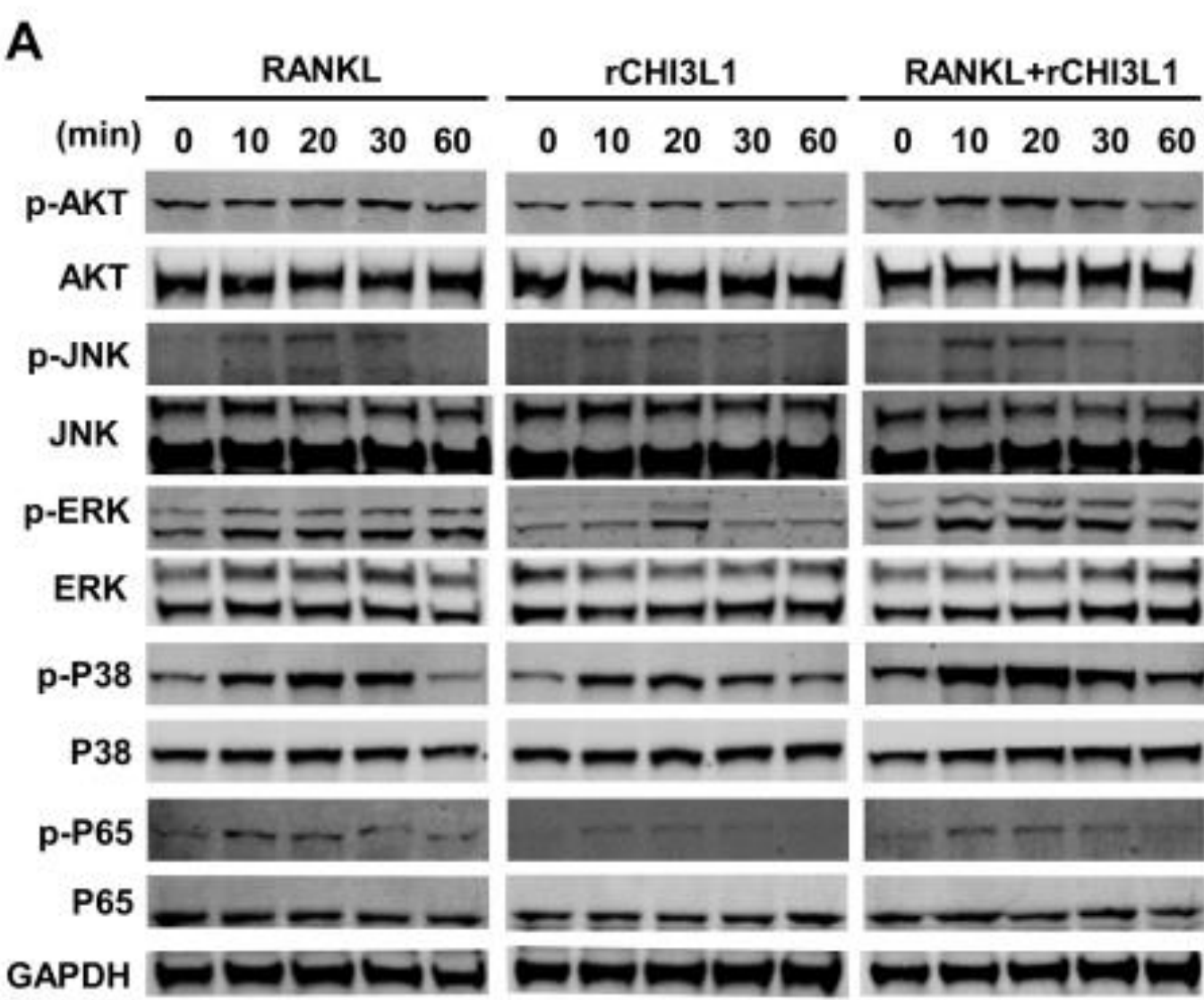


Figure2.A



p-AKT
60Kda

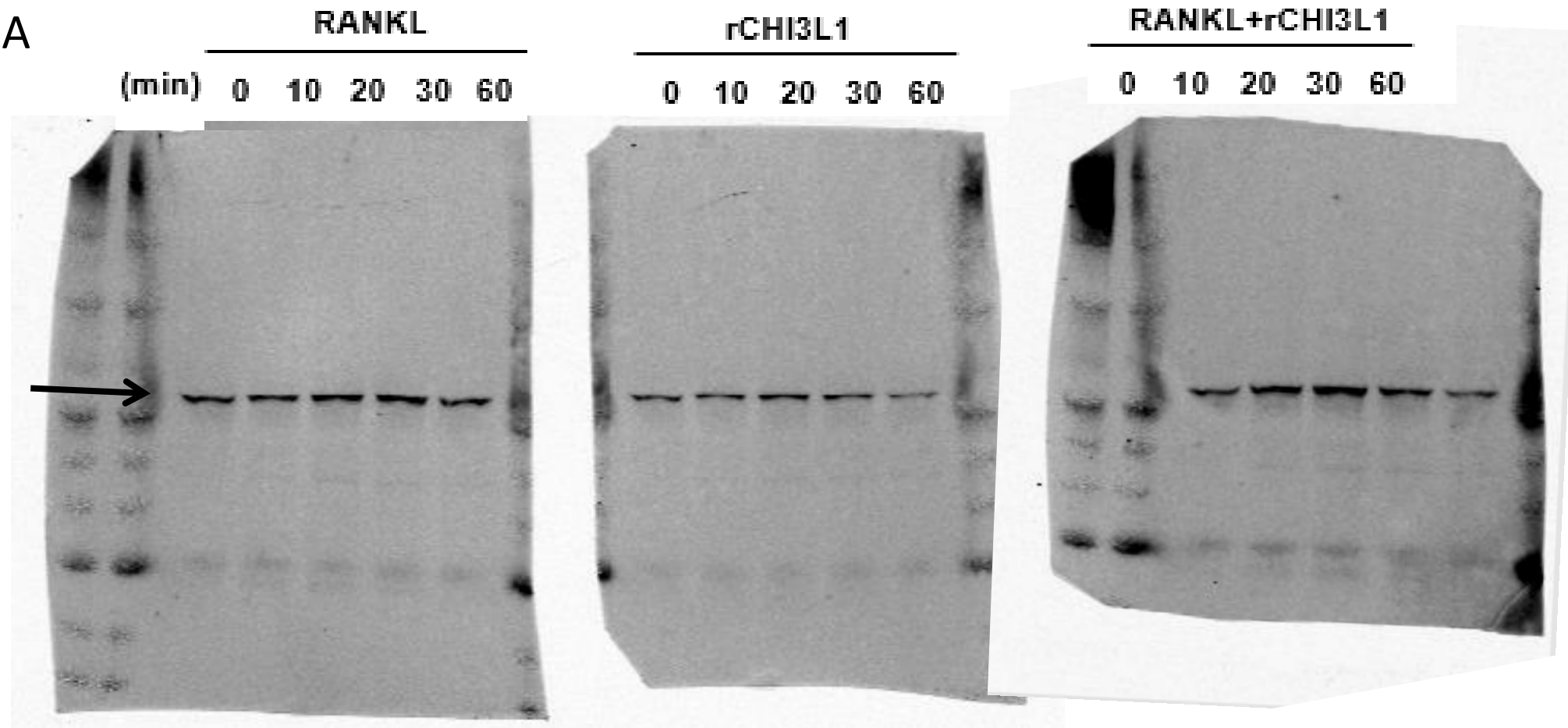


Figure 2.A

	RANKL					rCHI3L1					RANKL+rCHI3L1				
(min)	0	10	20	30	60	0	10	20	30	60	0	10	20	30	60

AKT 60Kda →

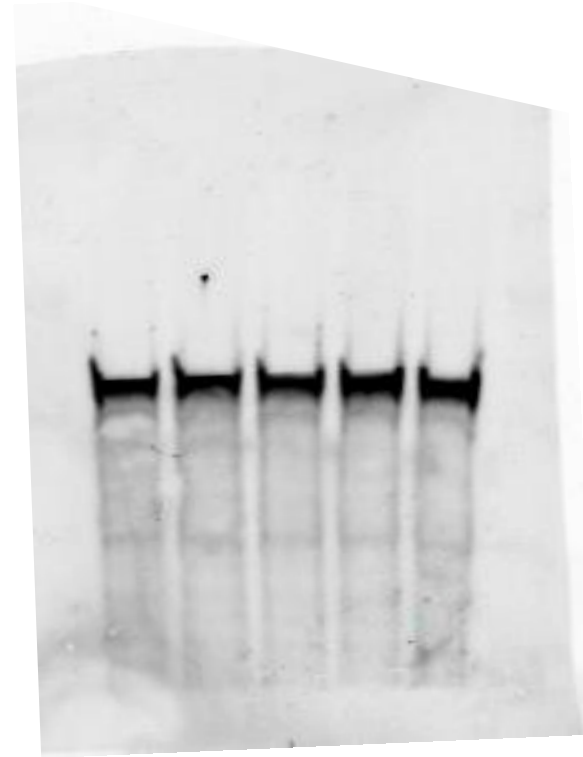
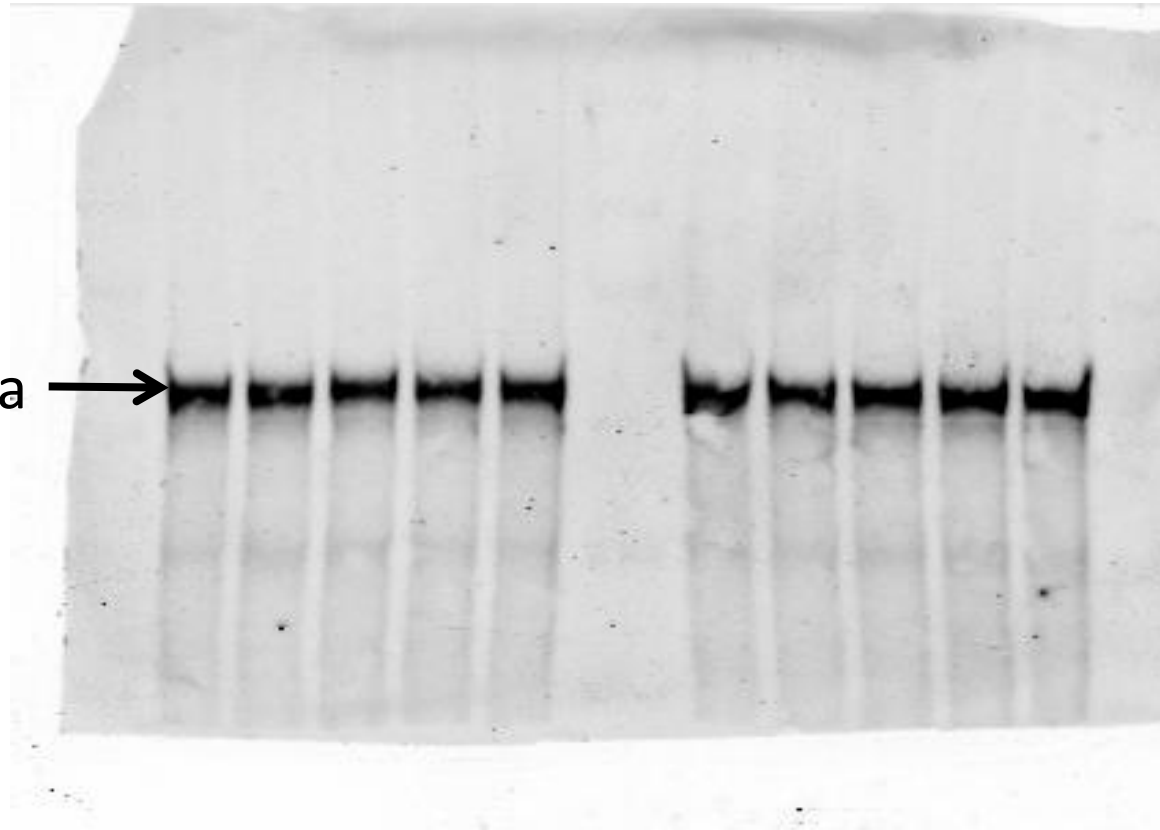


Figure 2.A

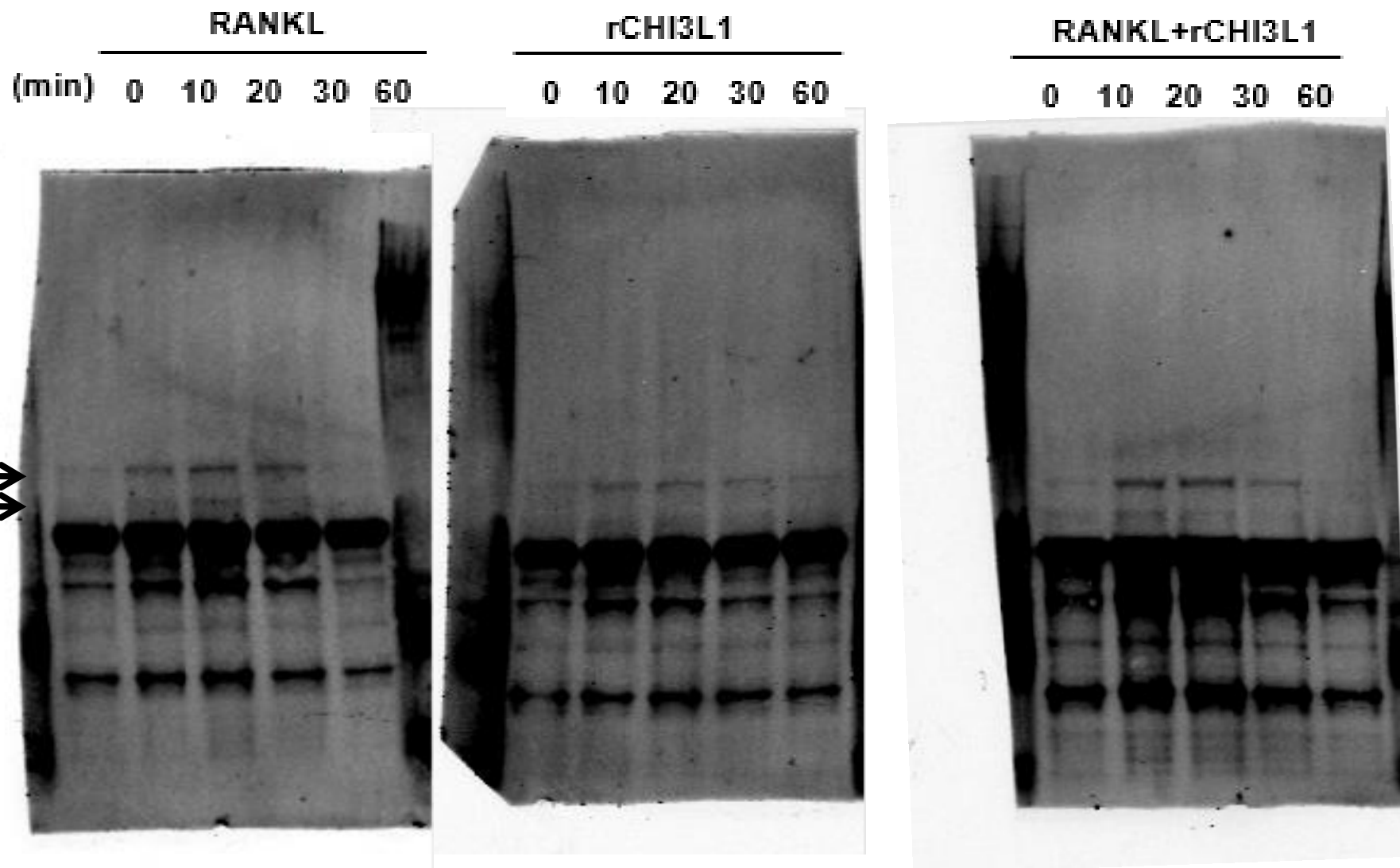


Figure 2.A

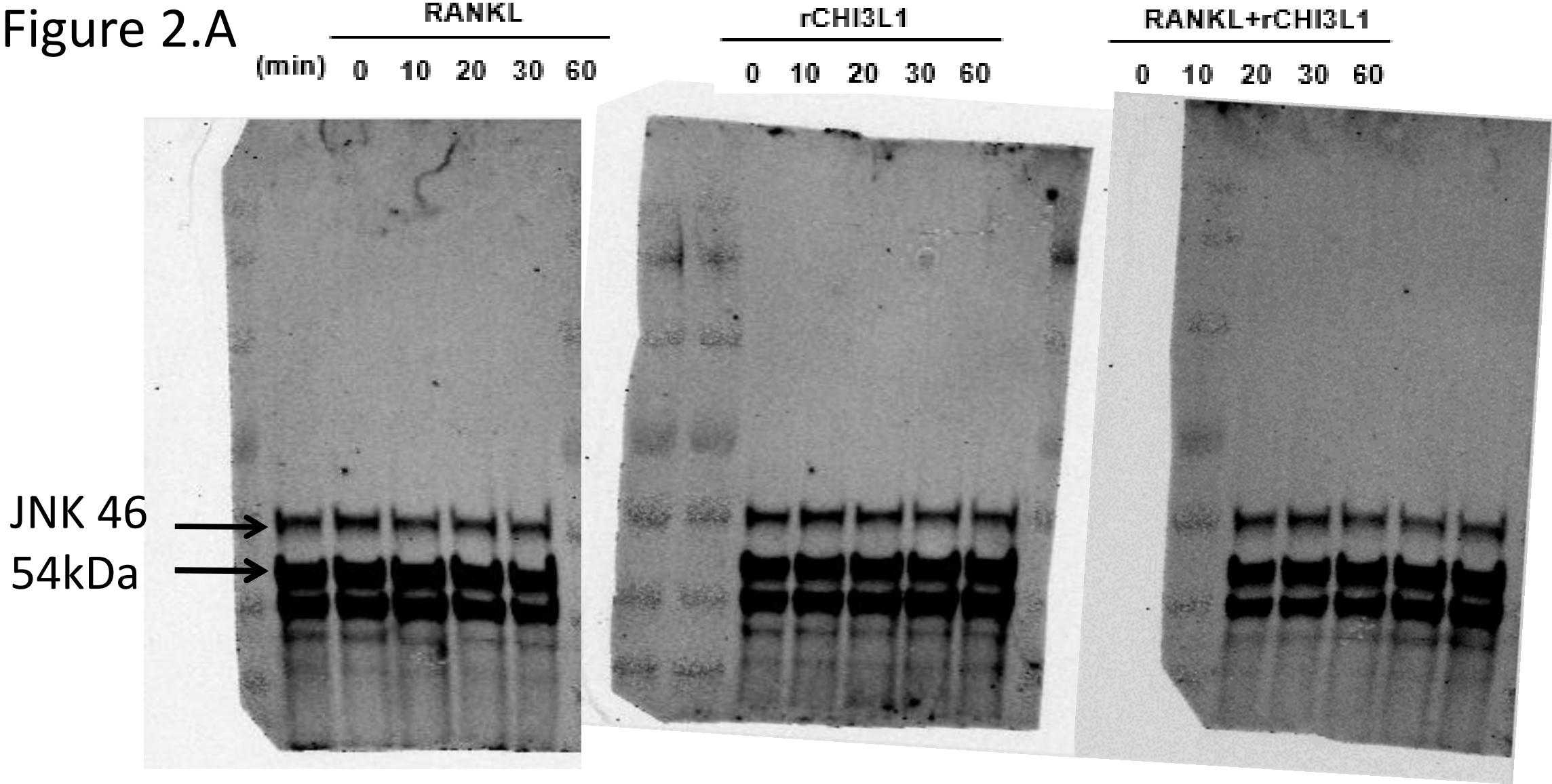


Figure 2.A

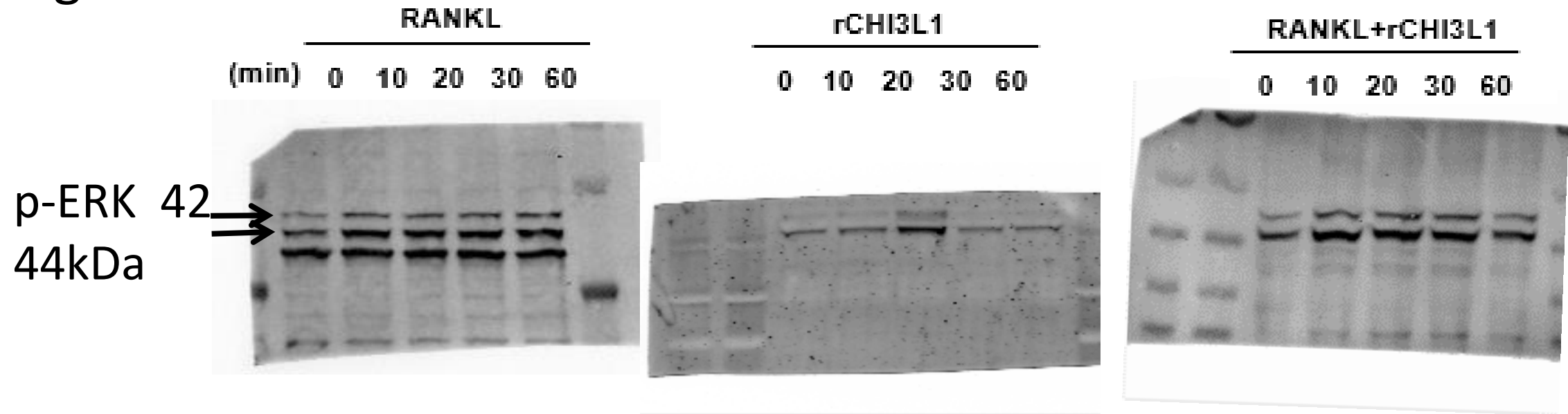


Figure 2.A

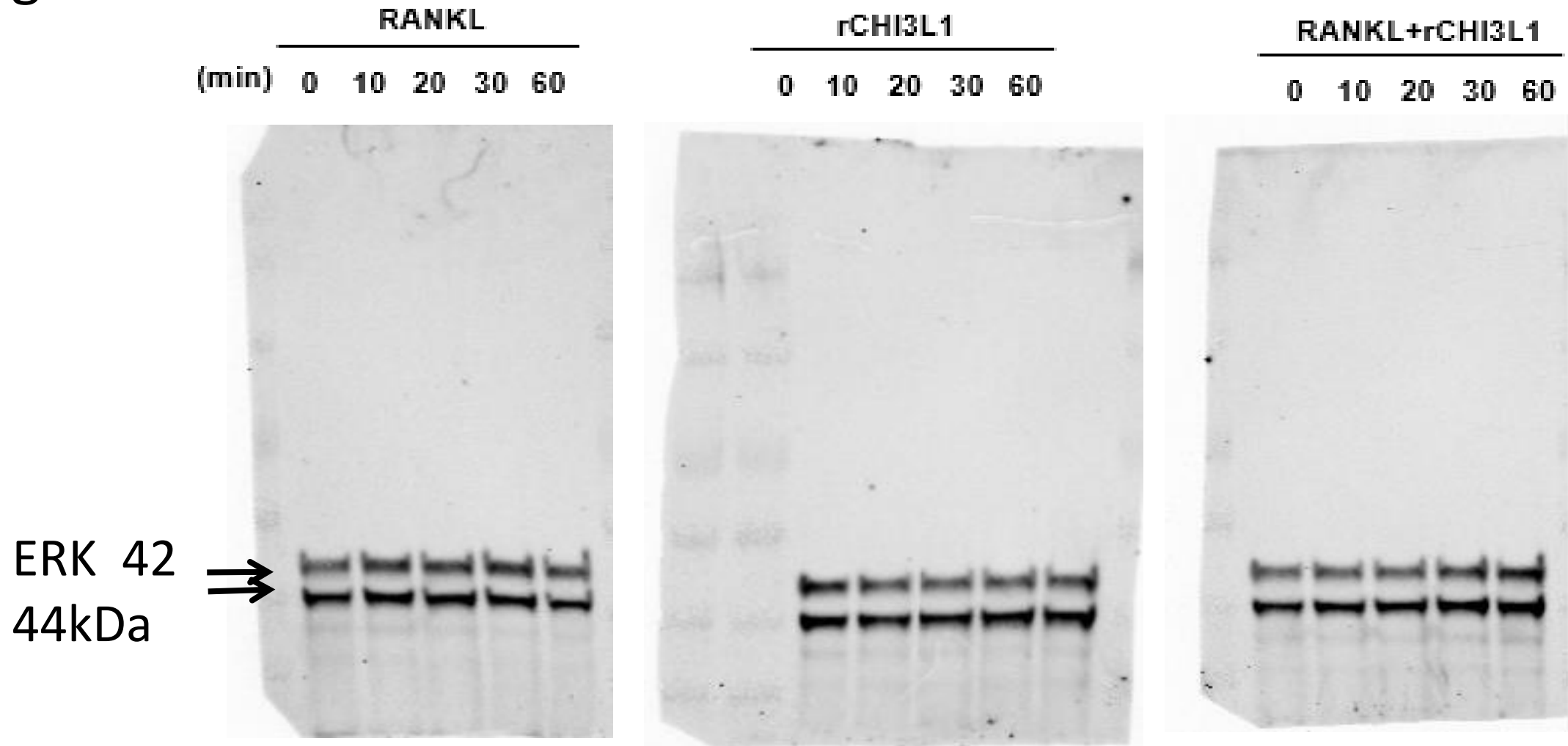


Figure 2.A

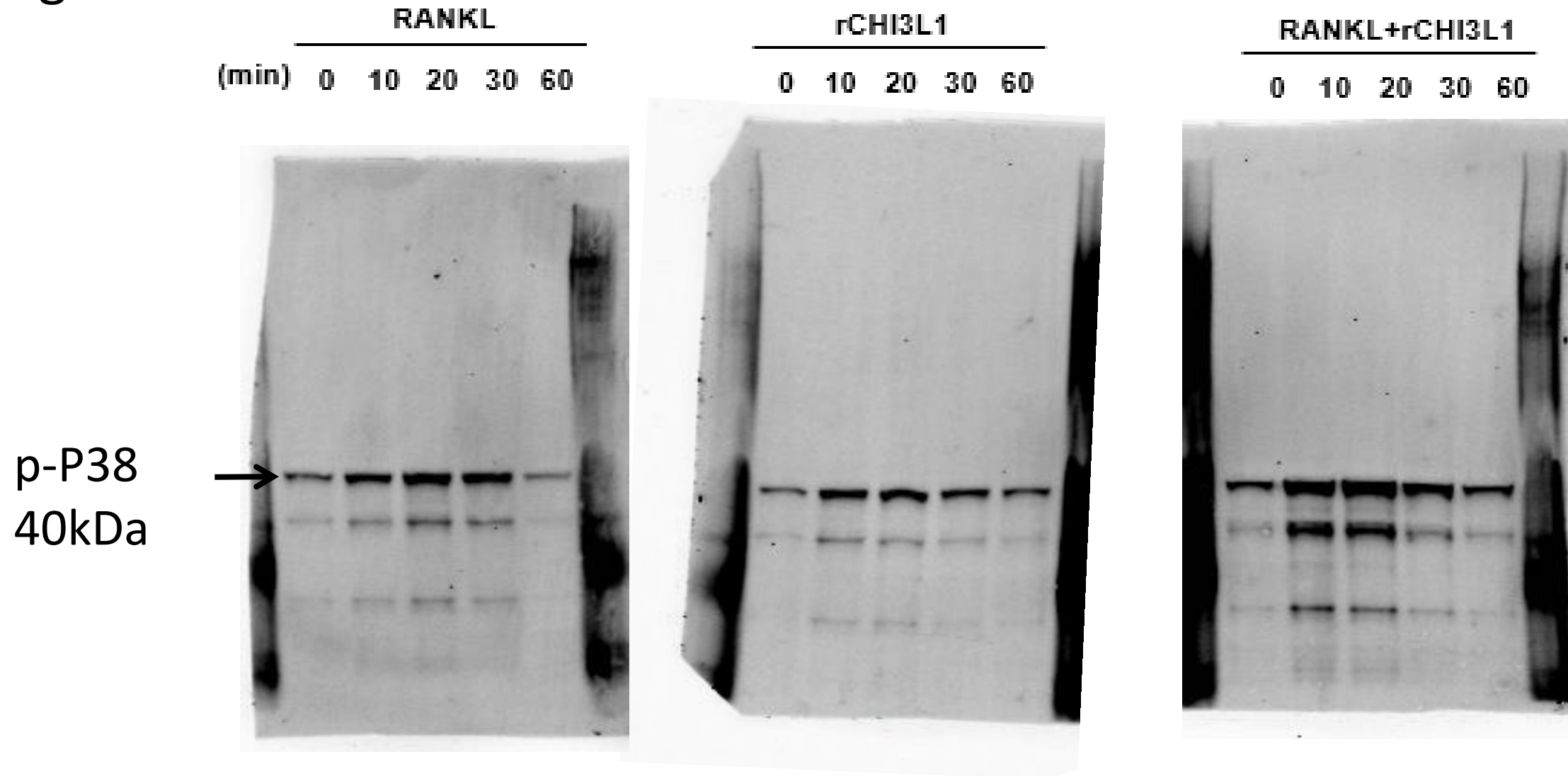


Figure 2.A

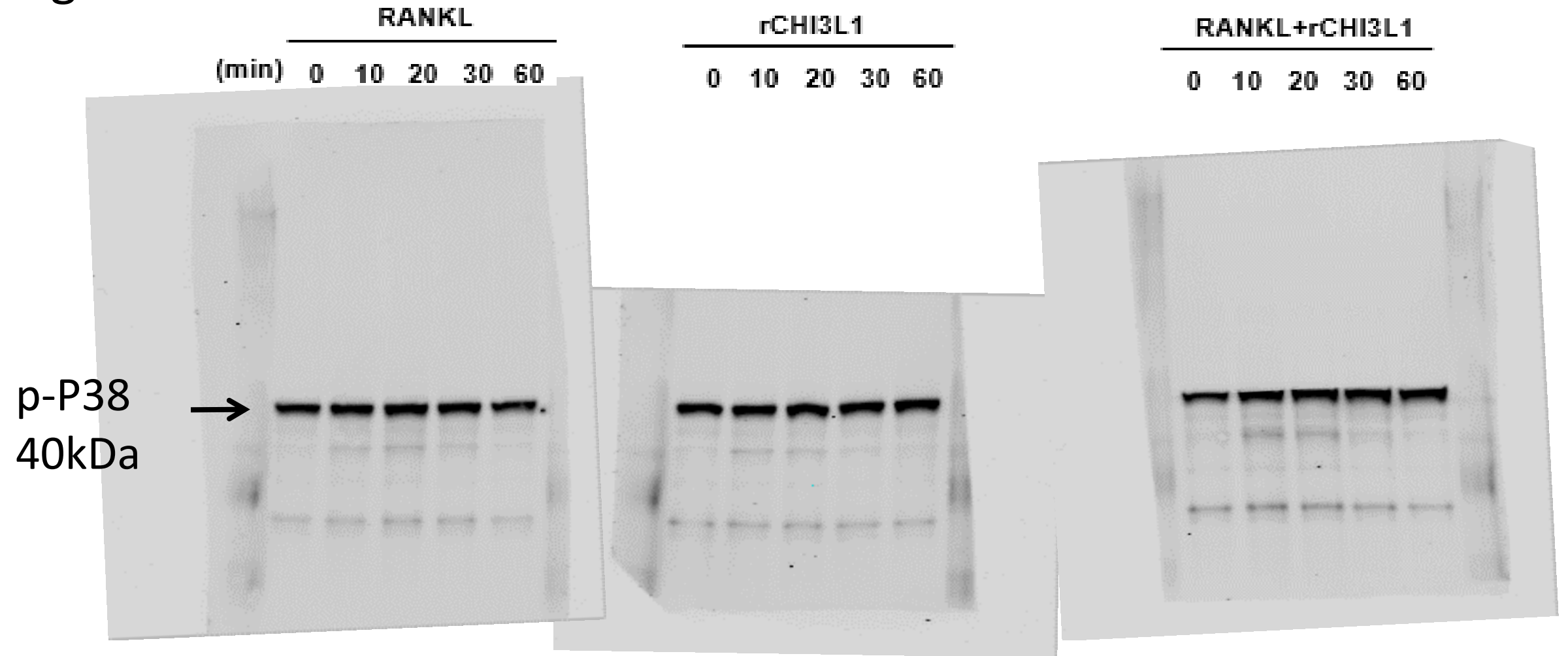


Figure 2.A

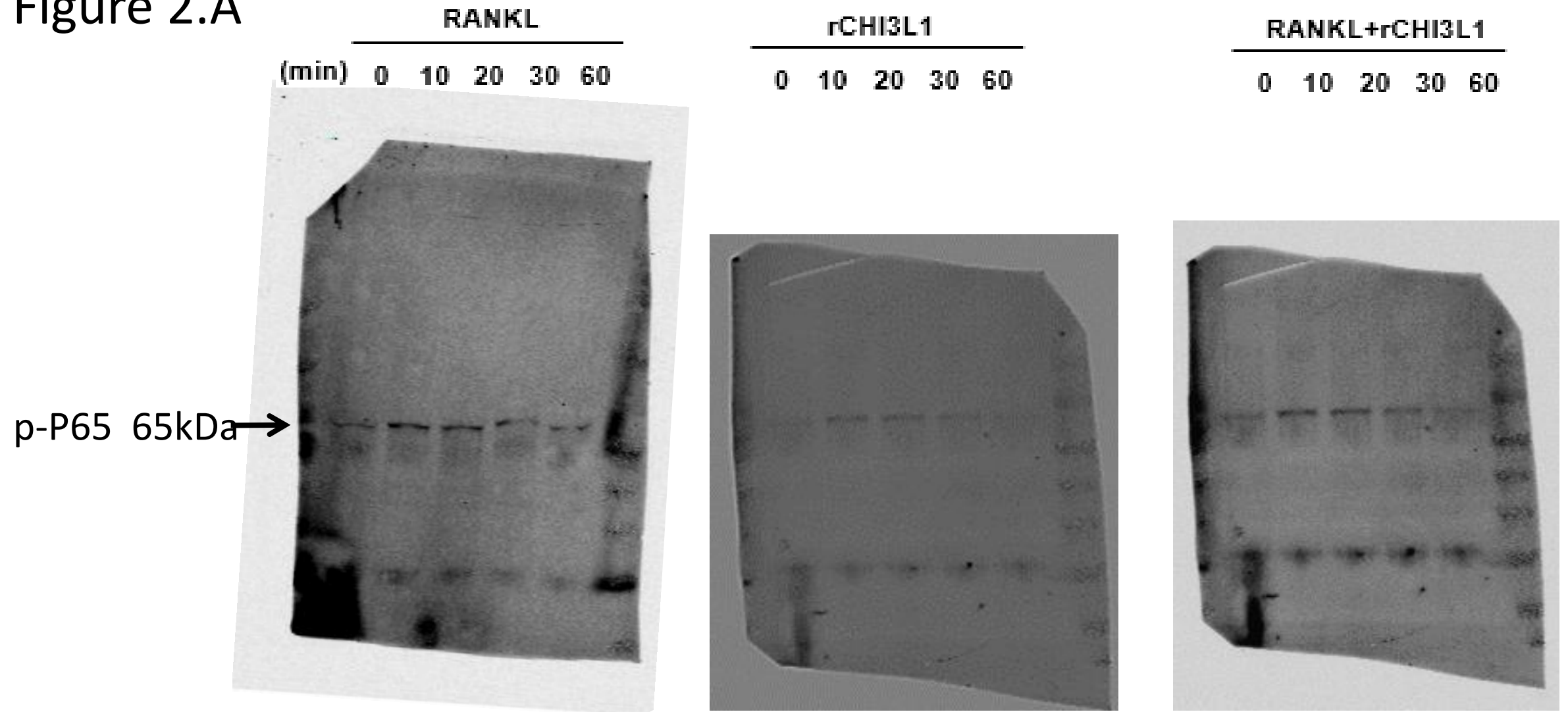
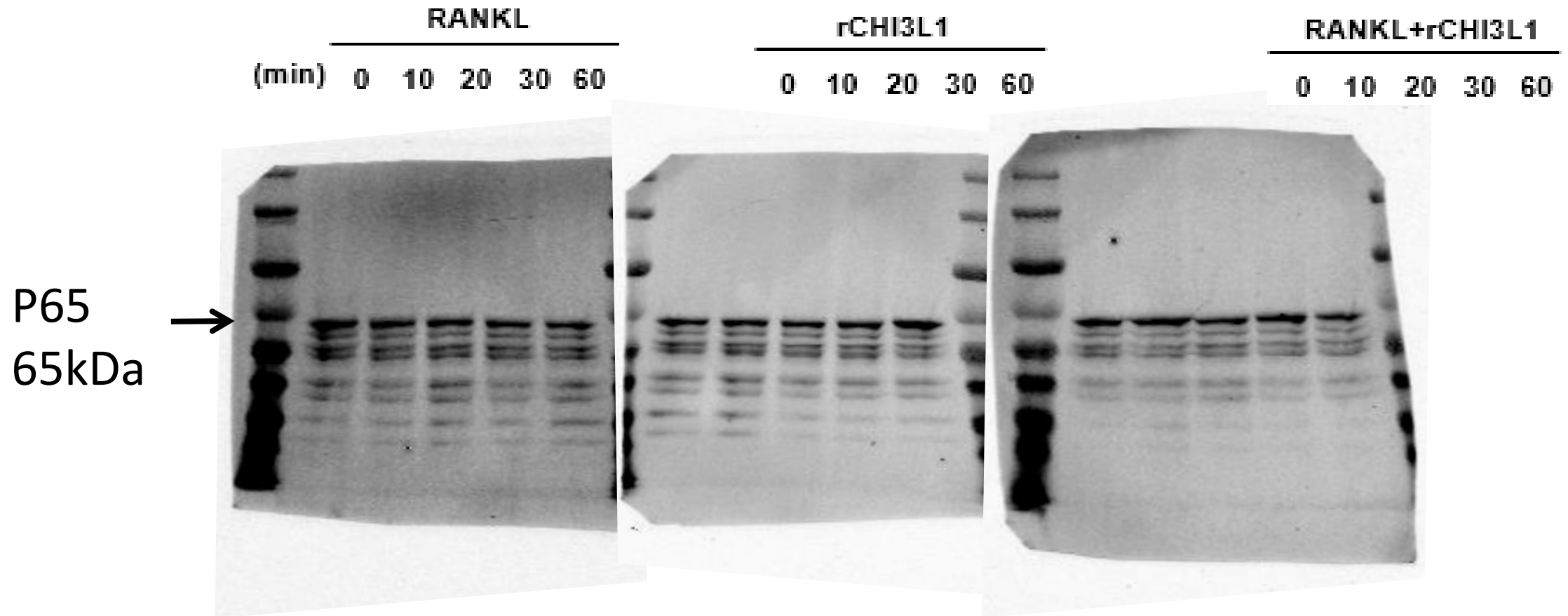


Figure 2.A



GAPDH
37kDa

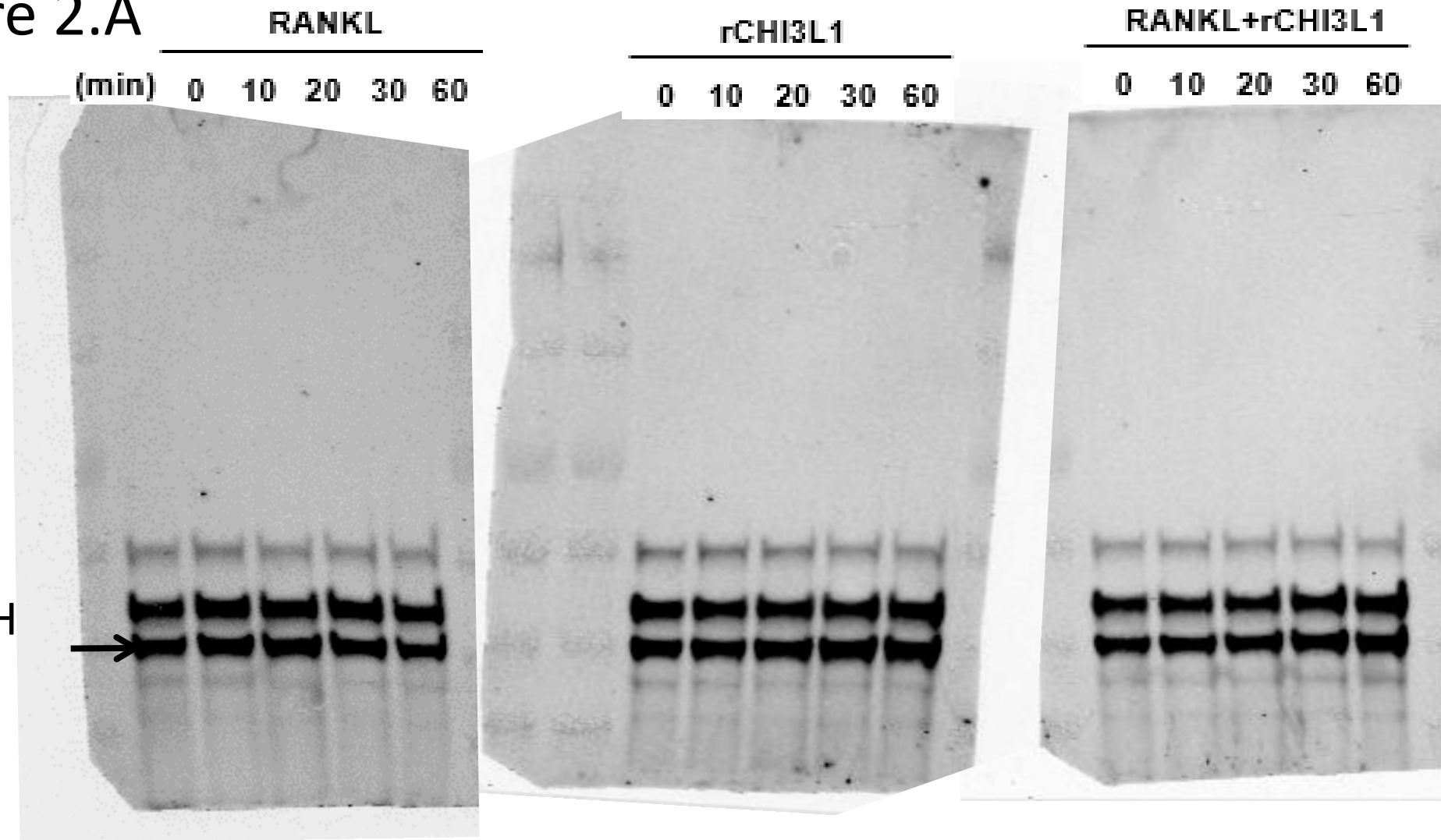


Figure2.C

C

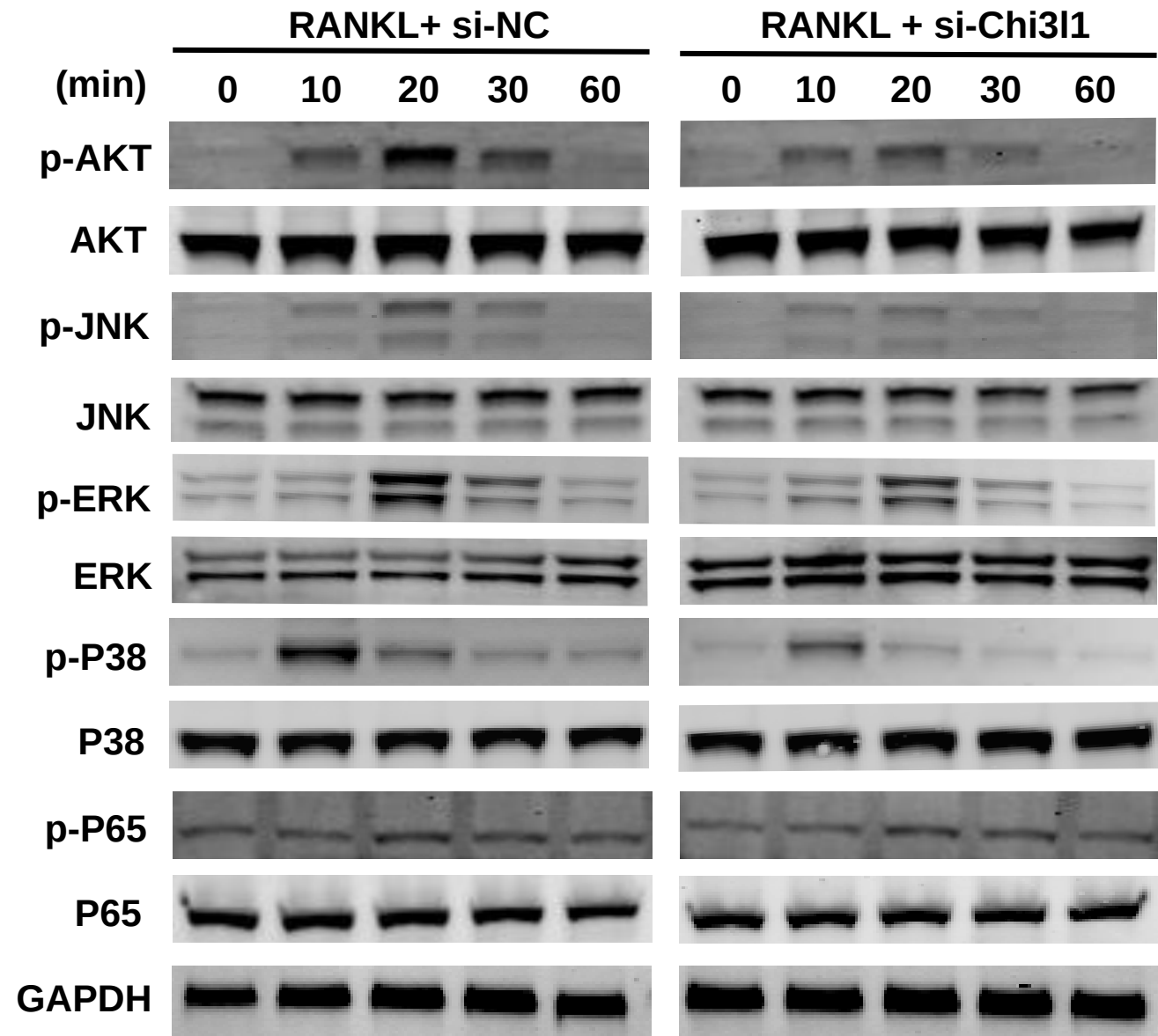


Figure2.C

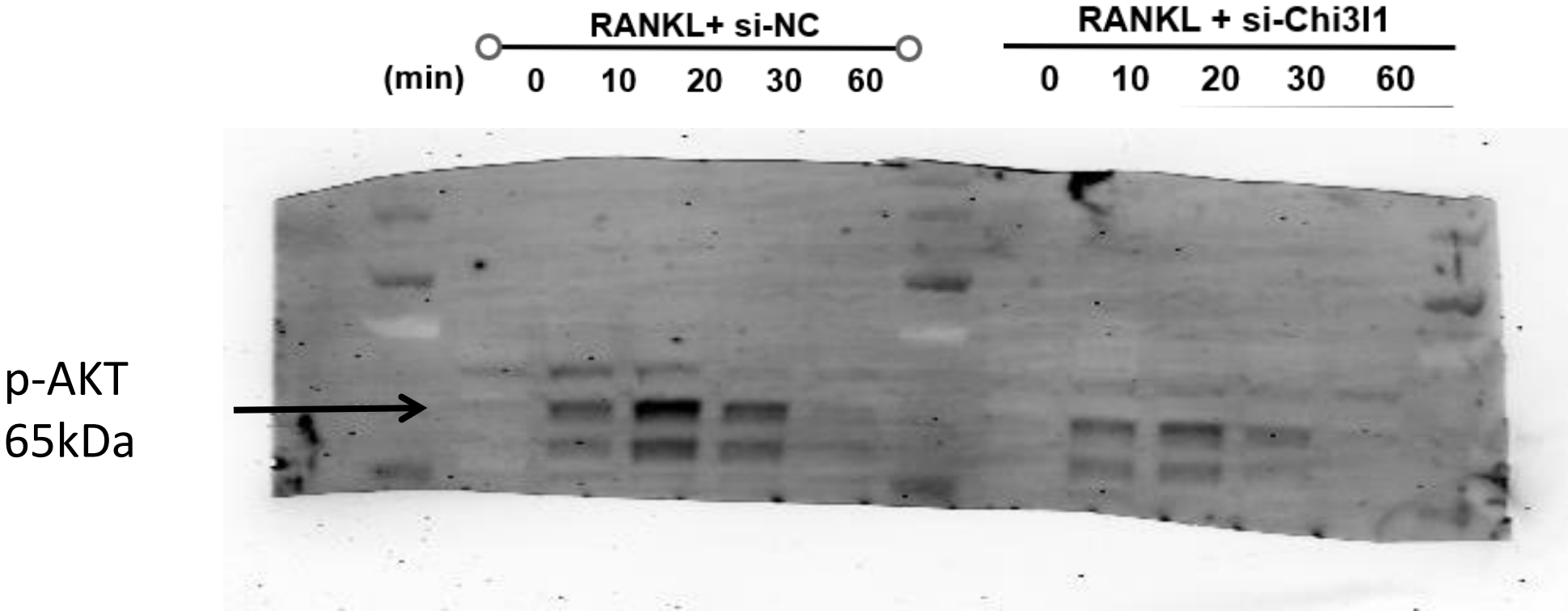


Figure2.C

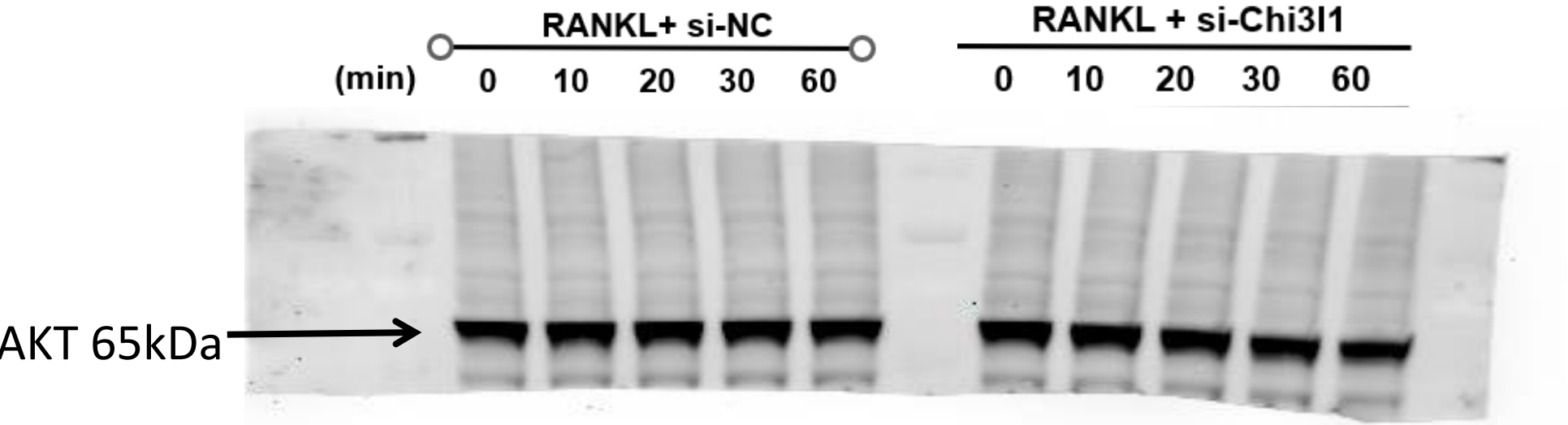


Figure2.C

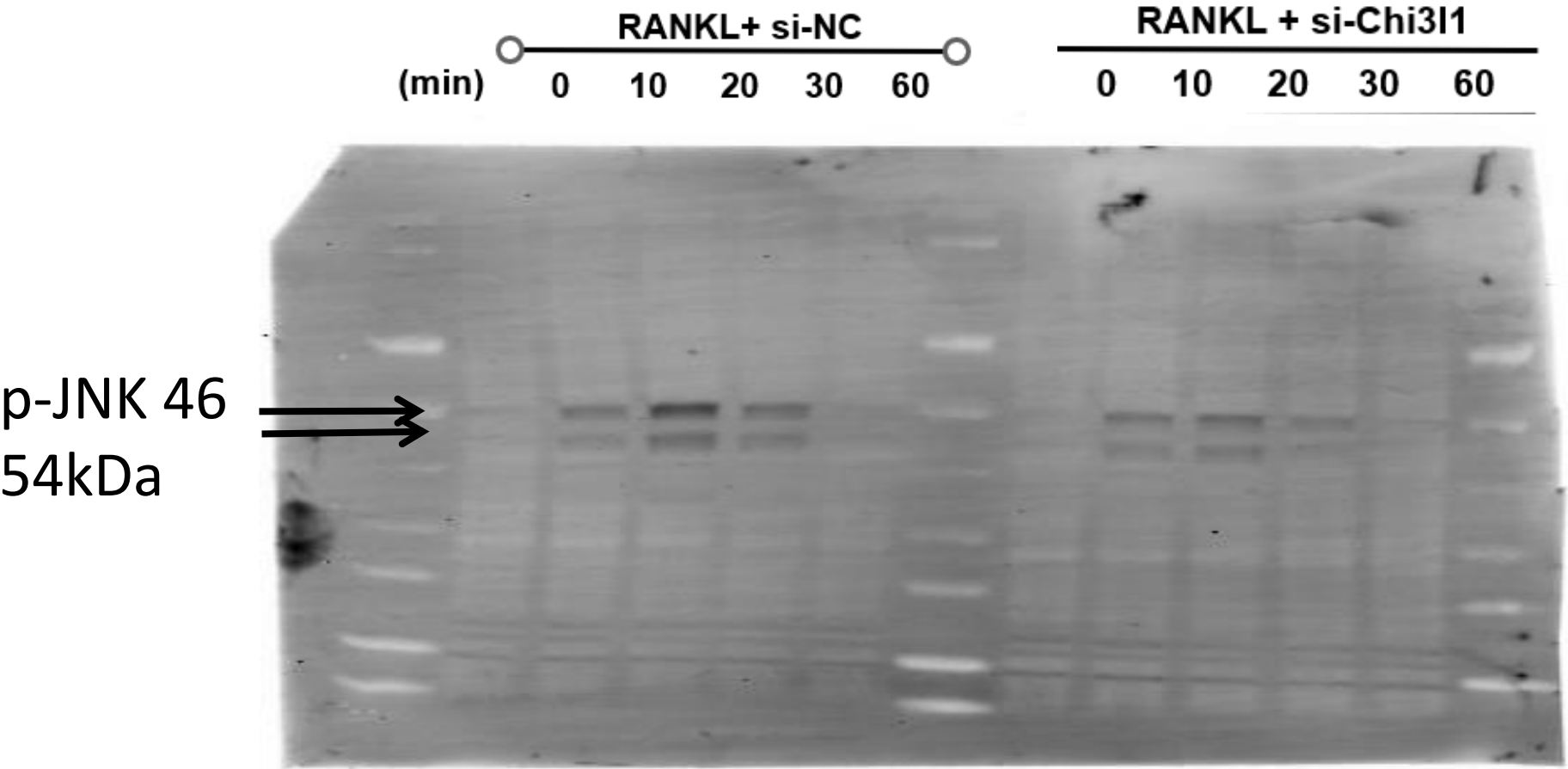


Figure2.C

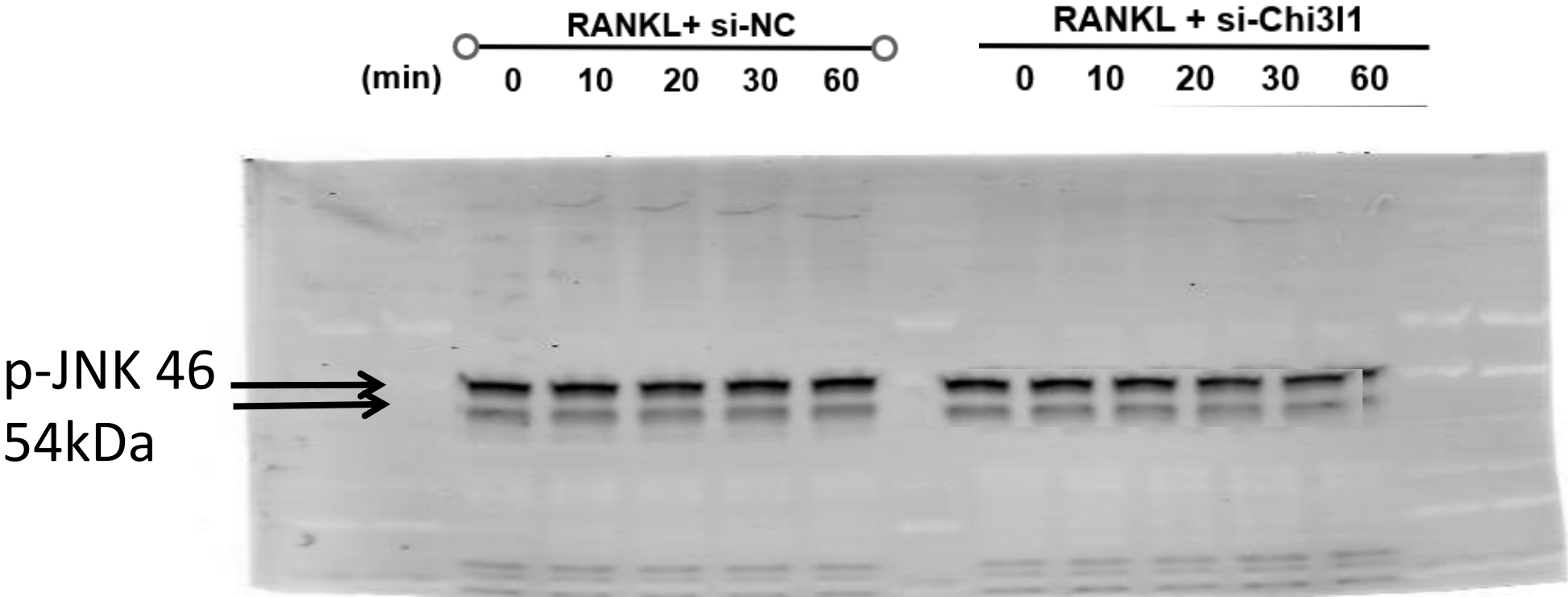


Figure2.C

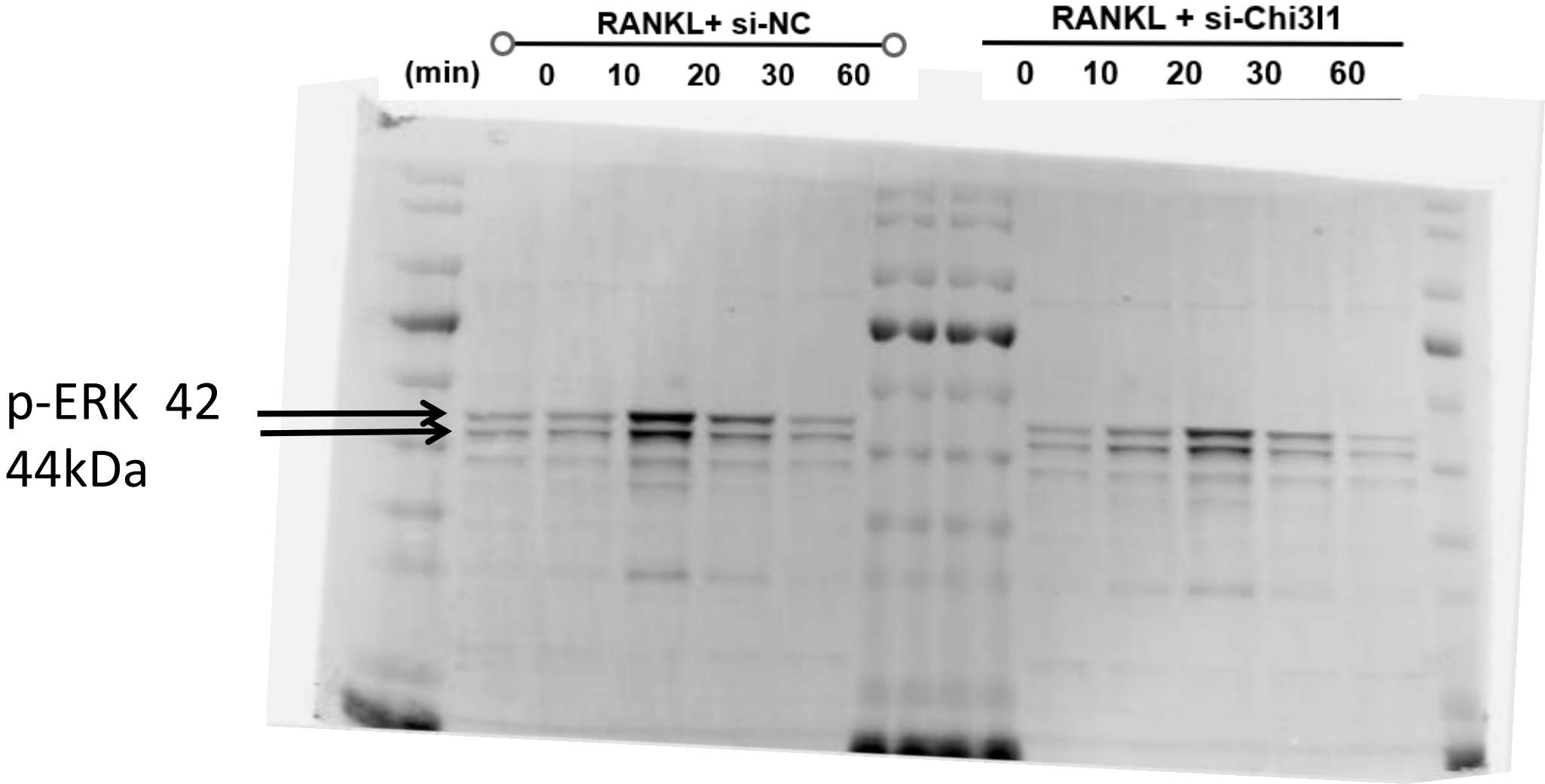


Figure2.C

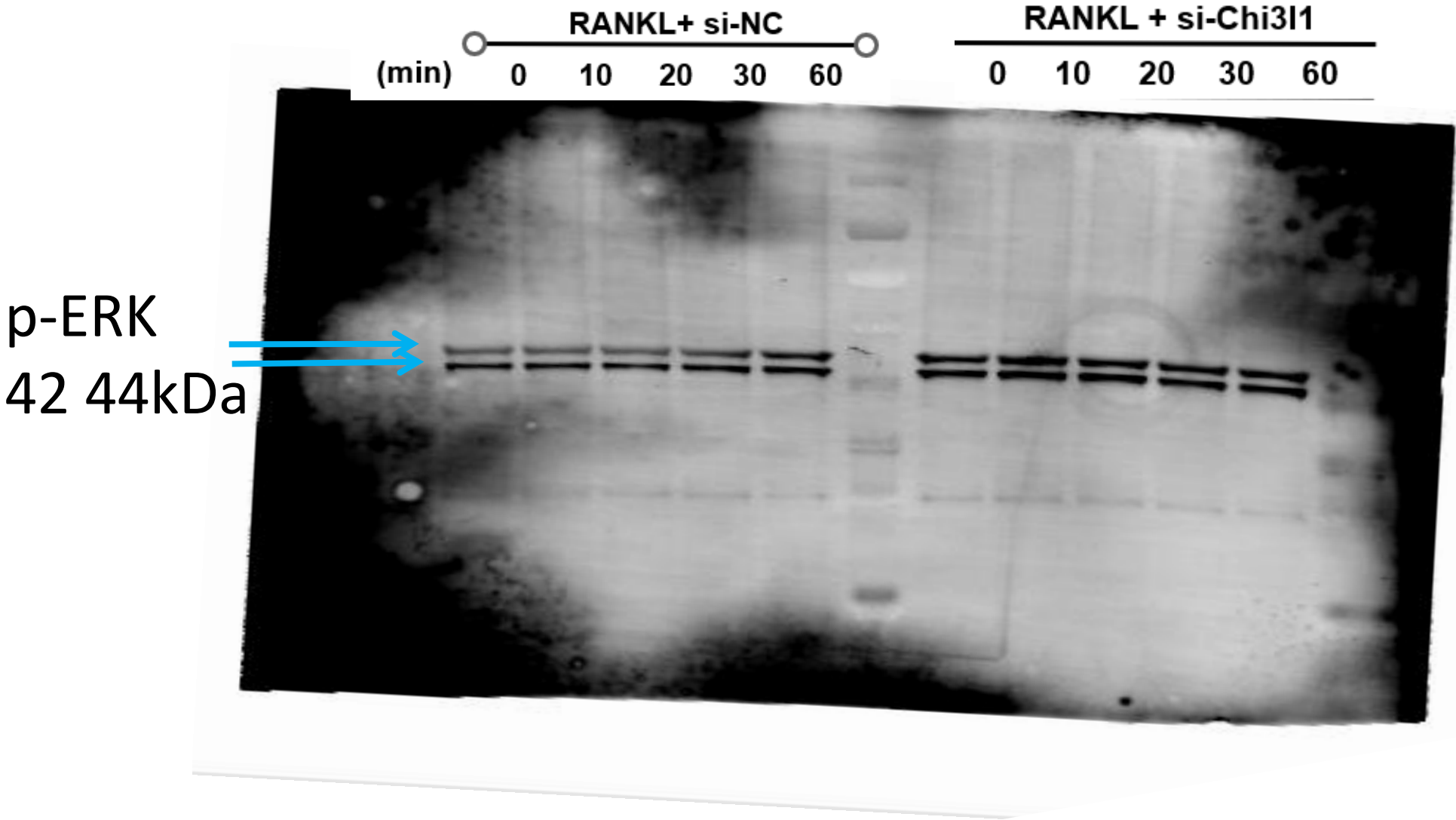


Figure2.C

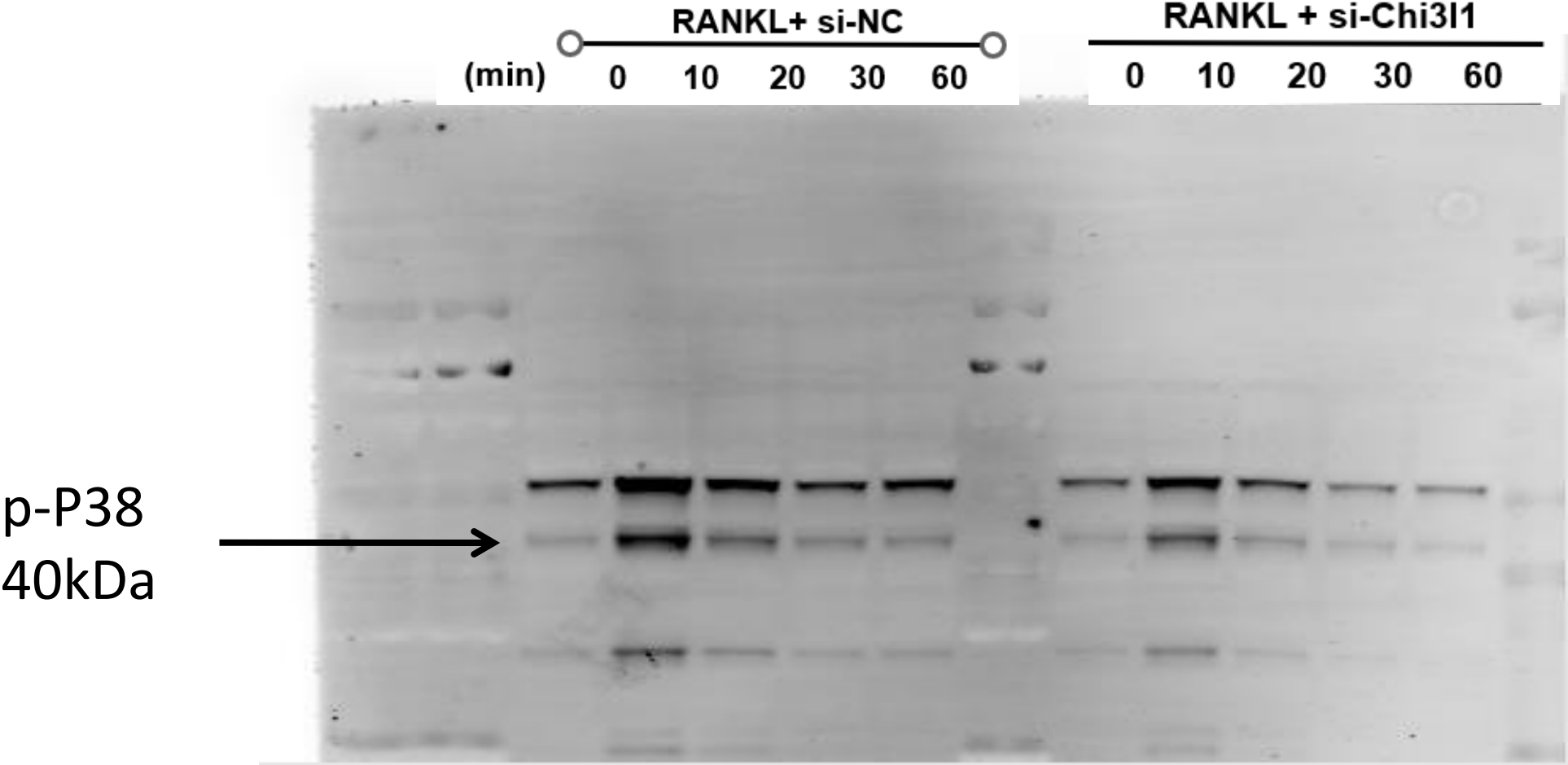


Figure2.C

(min) RANKL+ si-NC RANKL + si-Chi3I1

0 10 20 30 60 0 10 20 30 60

P38
40kDa

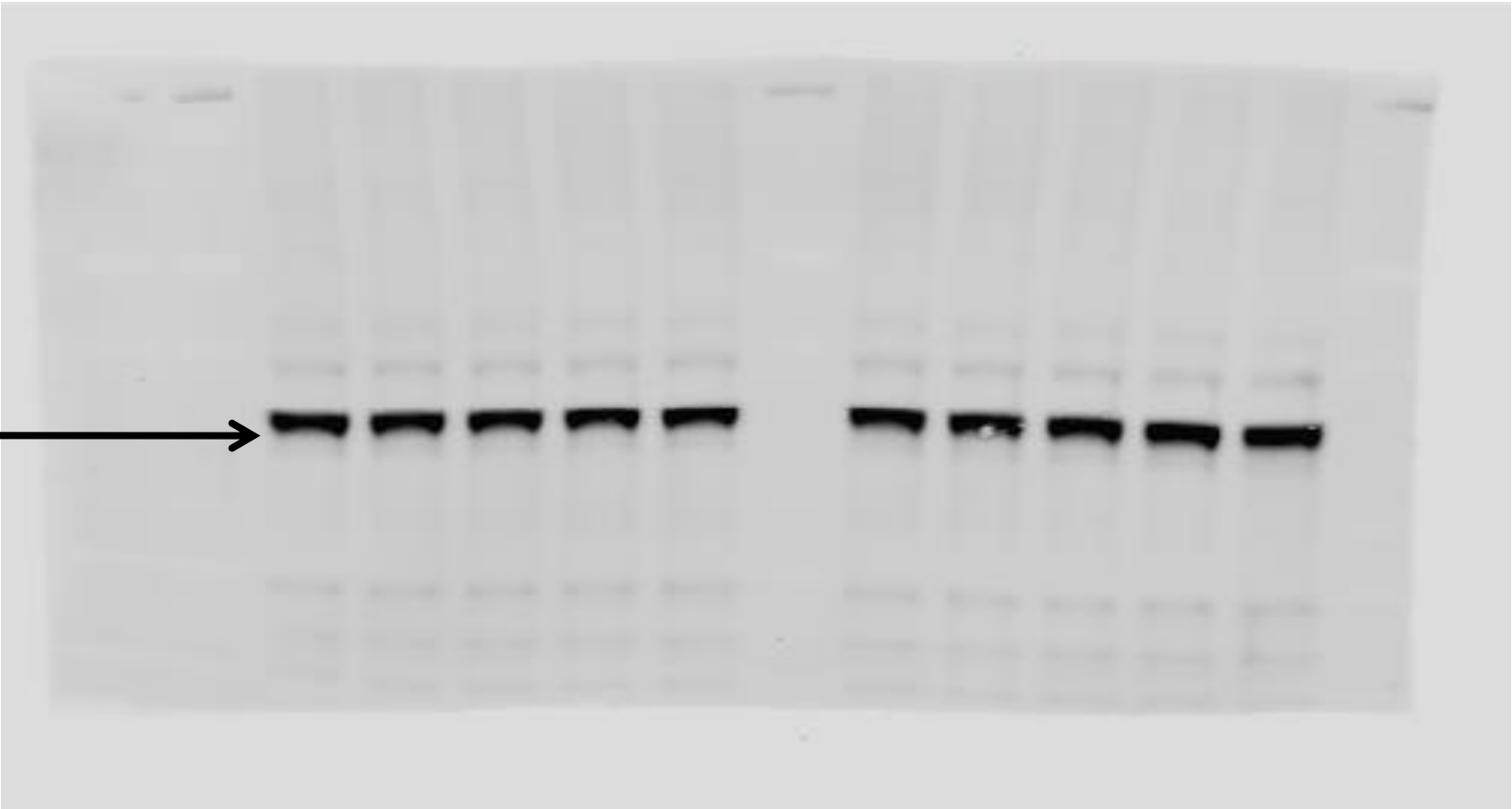


Figure2.C

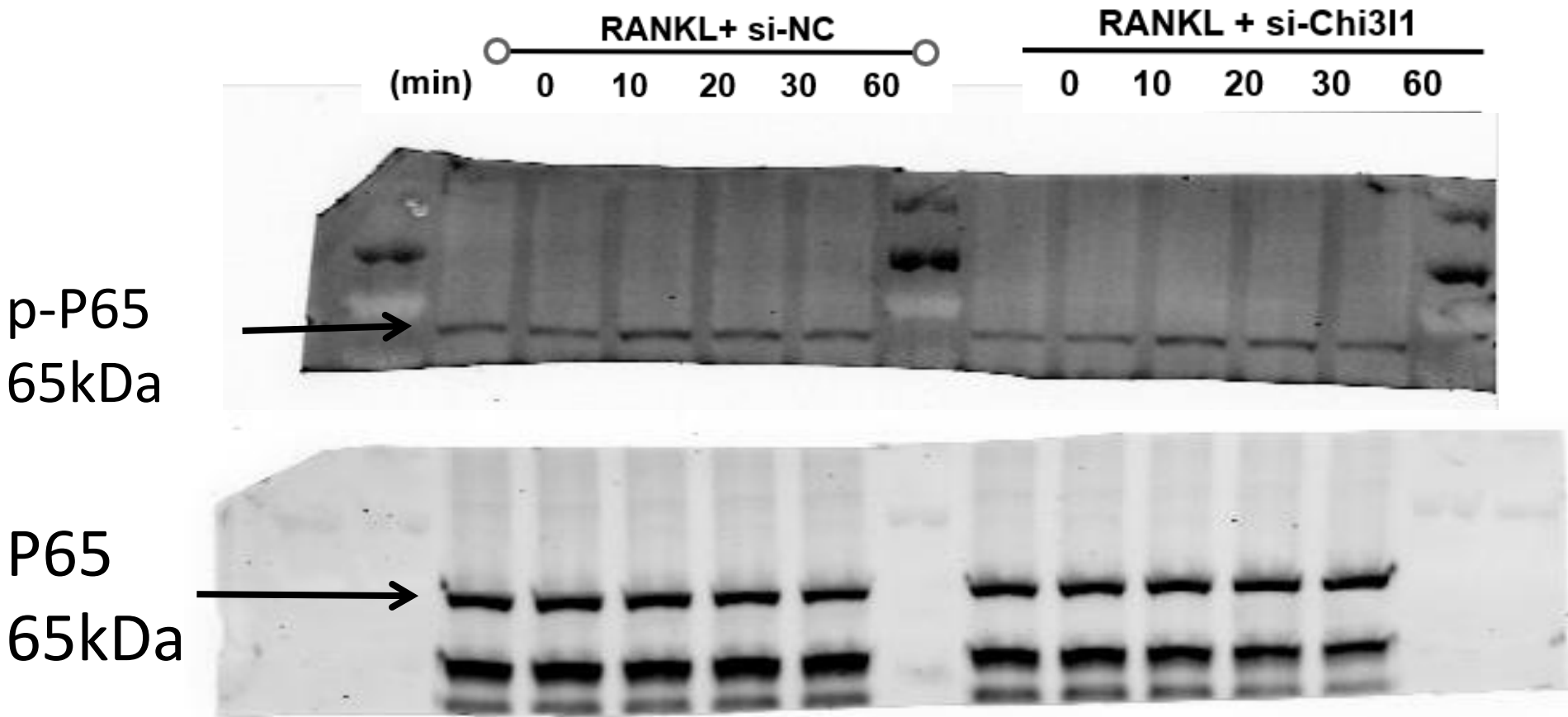


Figure2.C

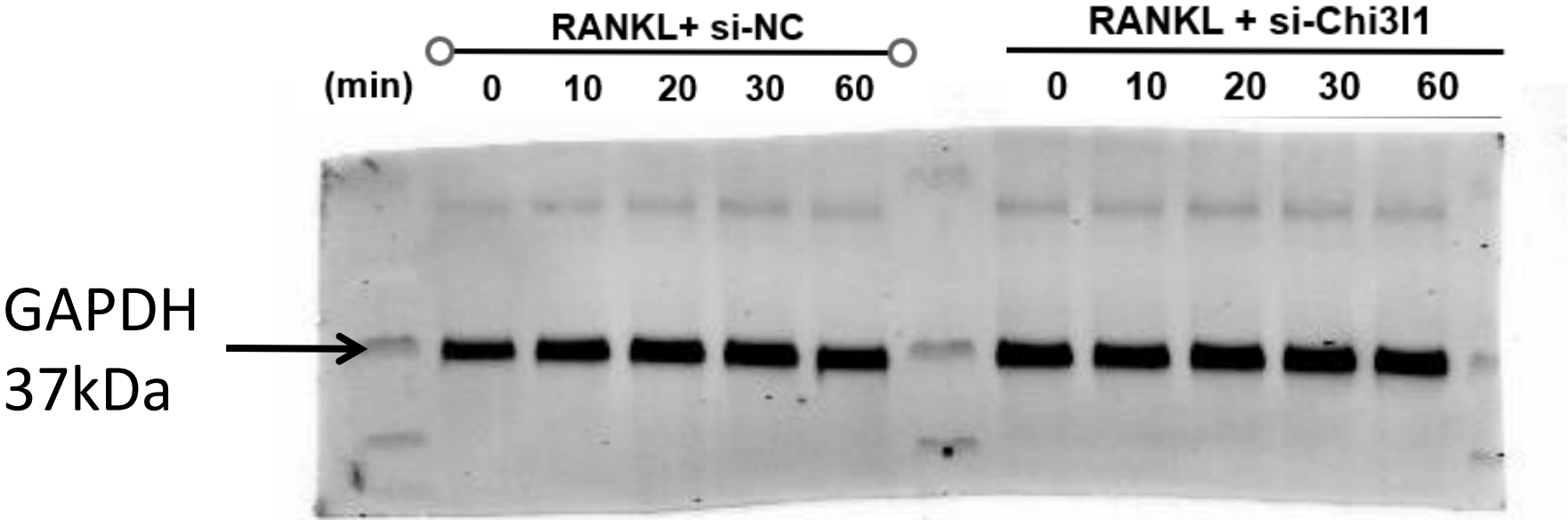
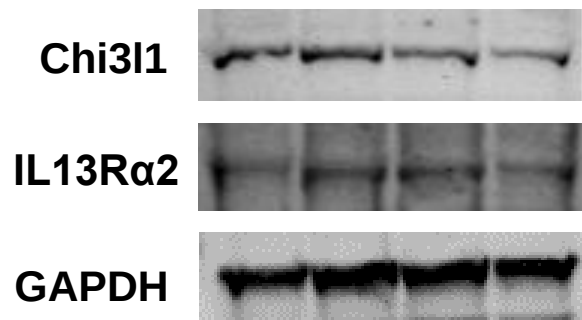
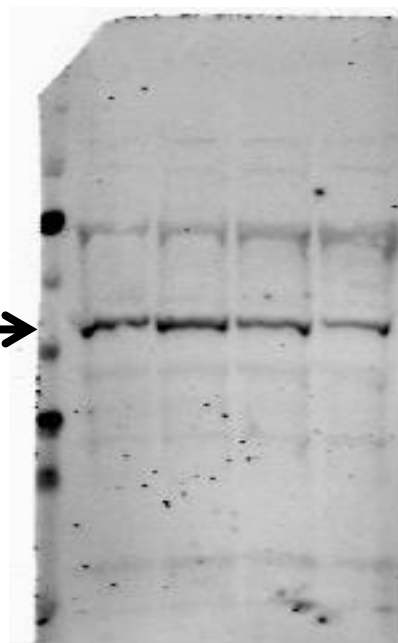


figure 3C



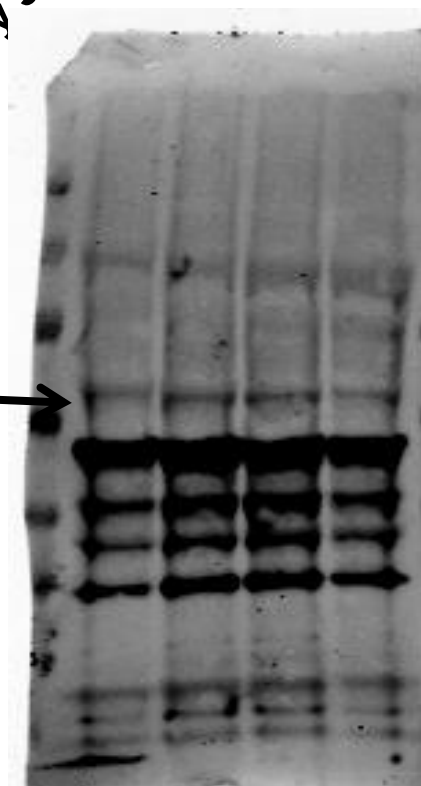
Day 0
Day 1
Day 3
Day 5

Chi3l1 →
43kd



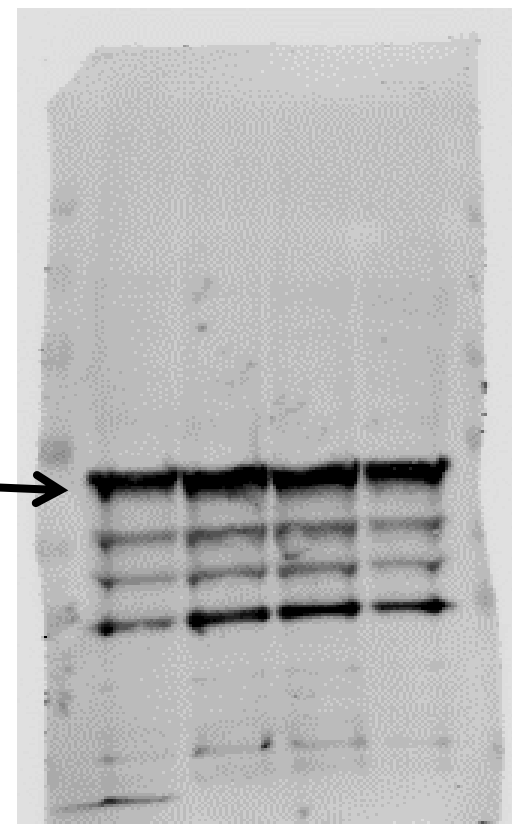
Day 0
Day 1
Day 3
Day 5

IL13R α 2 →
56kDa



Day 0
Day 1
Day 3
Day 5

GAPDH →
37kDa



Day 0
Day 1
Day 3
Day 5

figure 3F

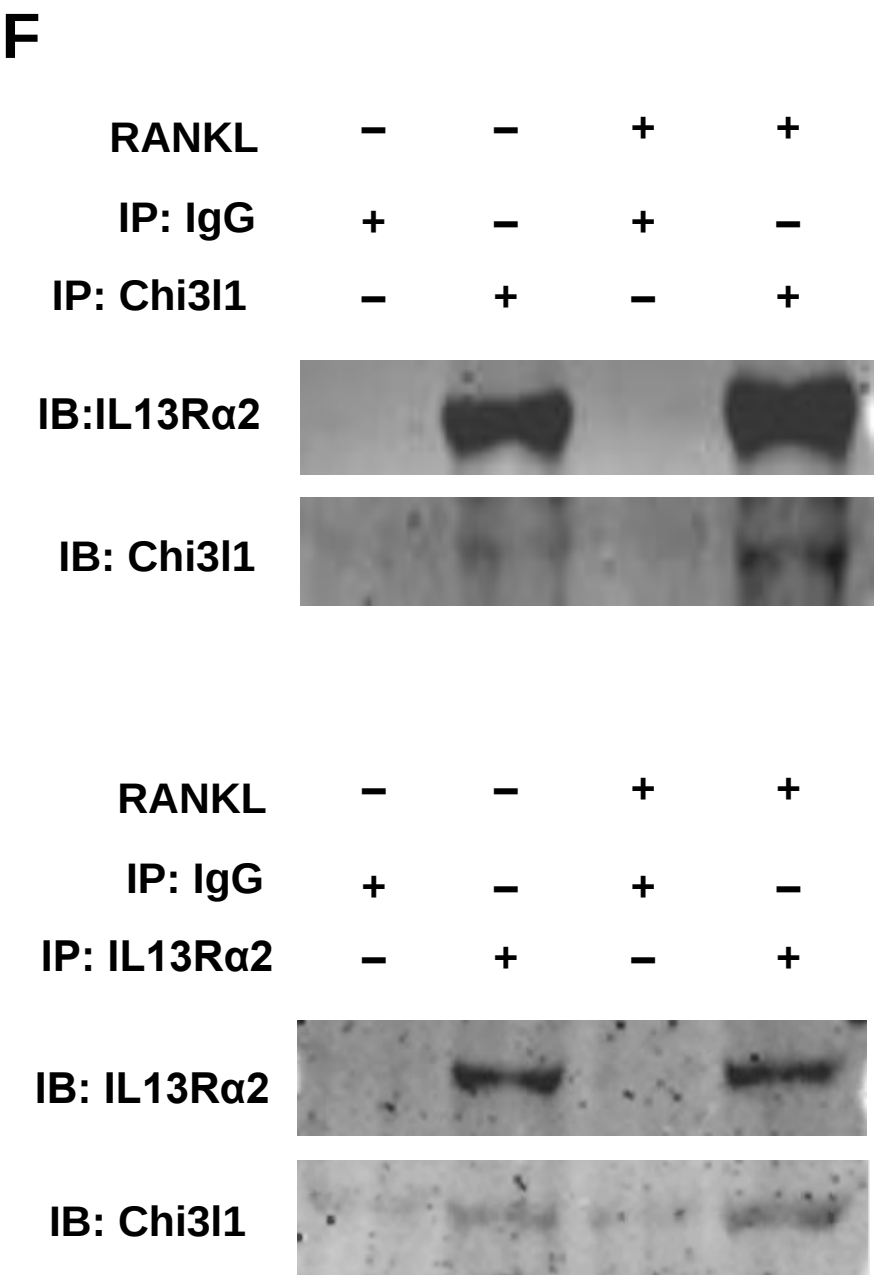


Figure 3F

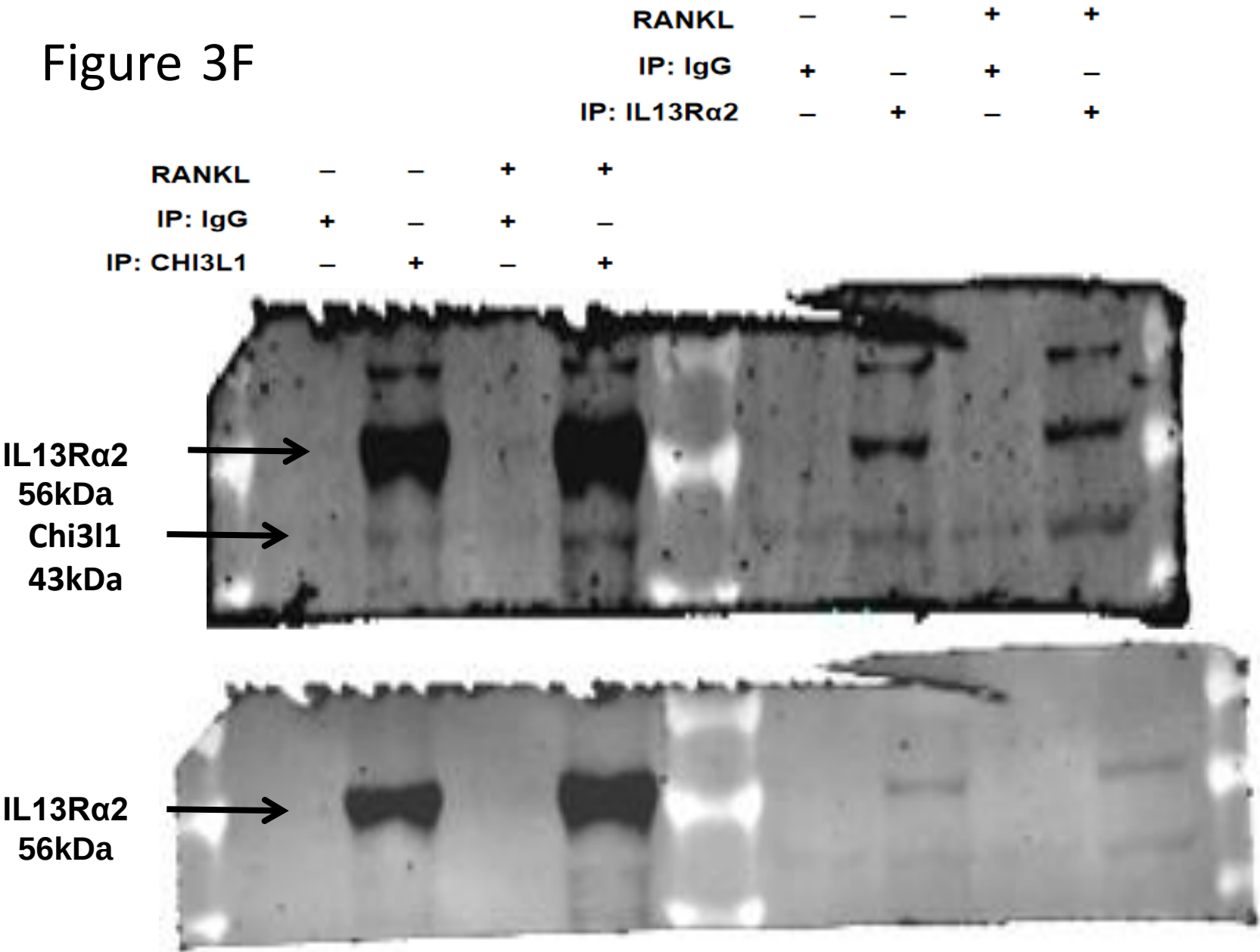


Figure5A

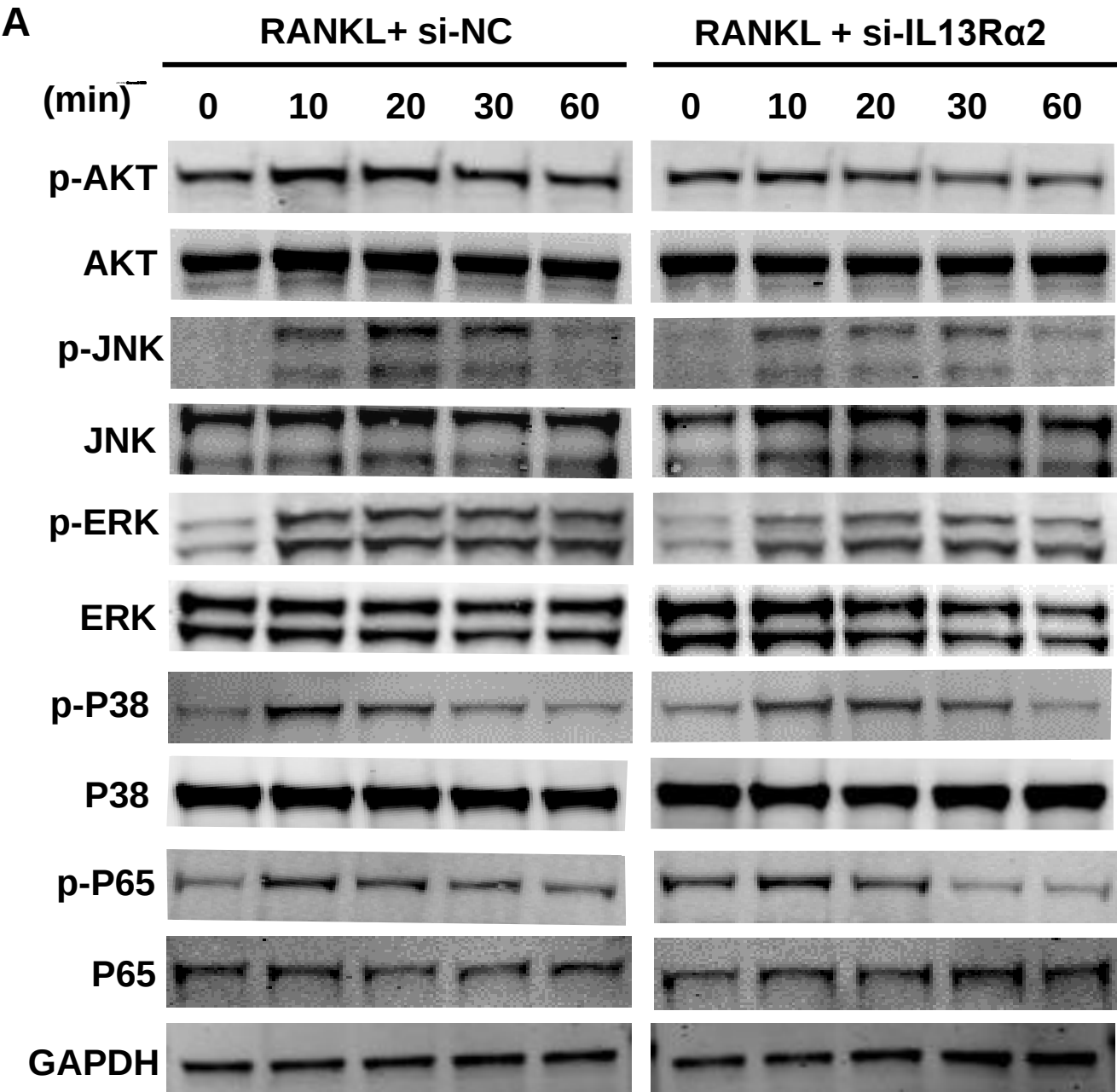


Figure5A

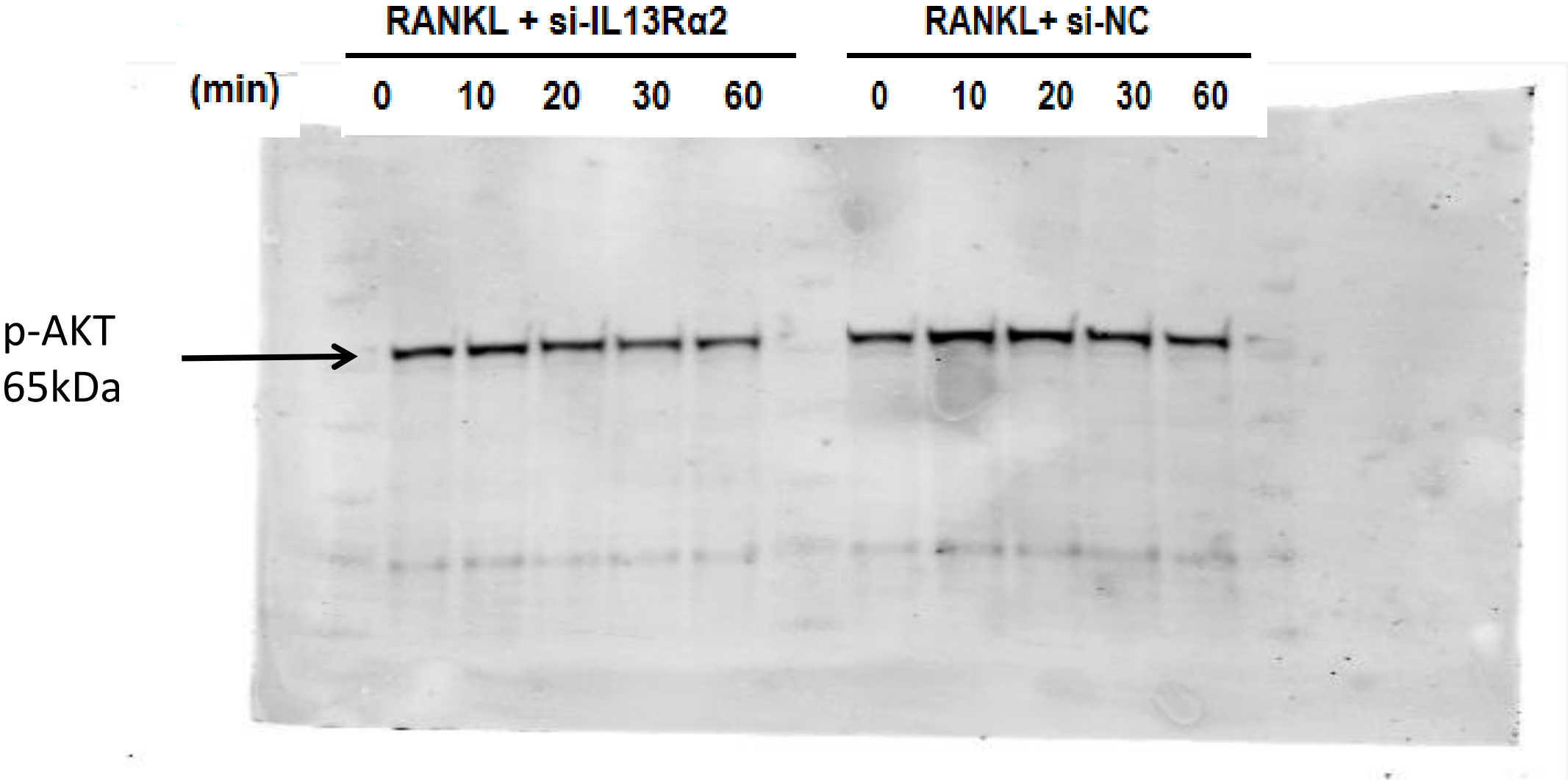


Figure 5A

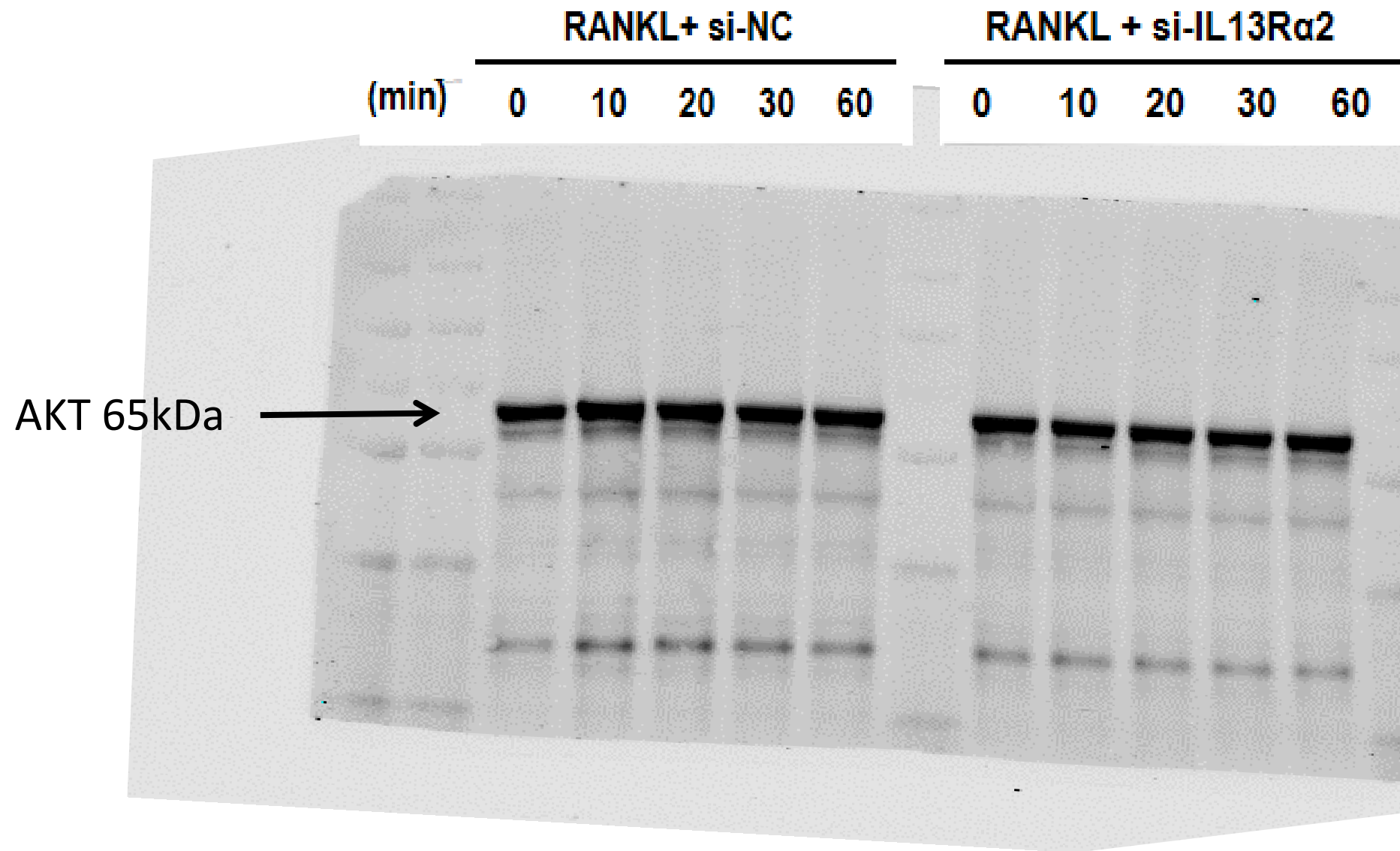


Figure5A

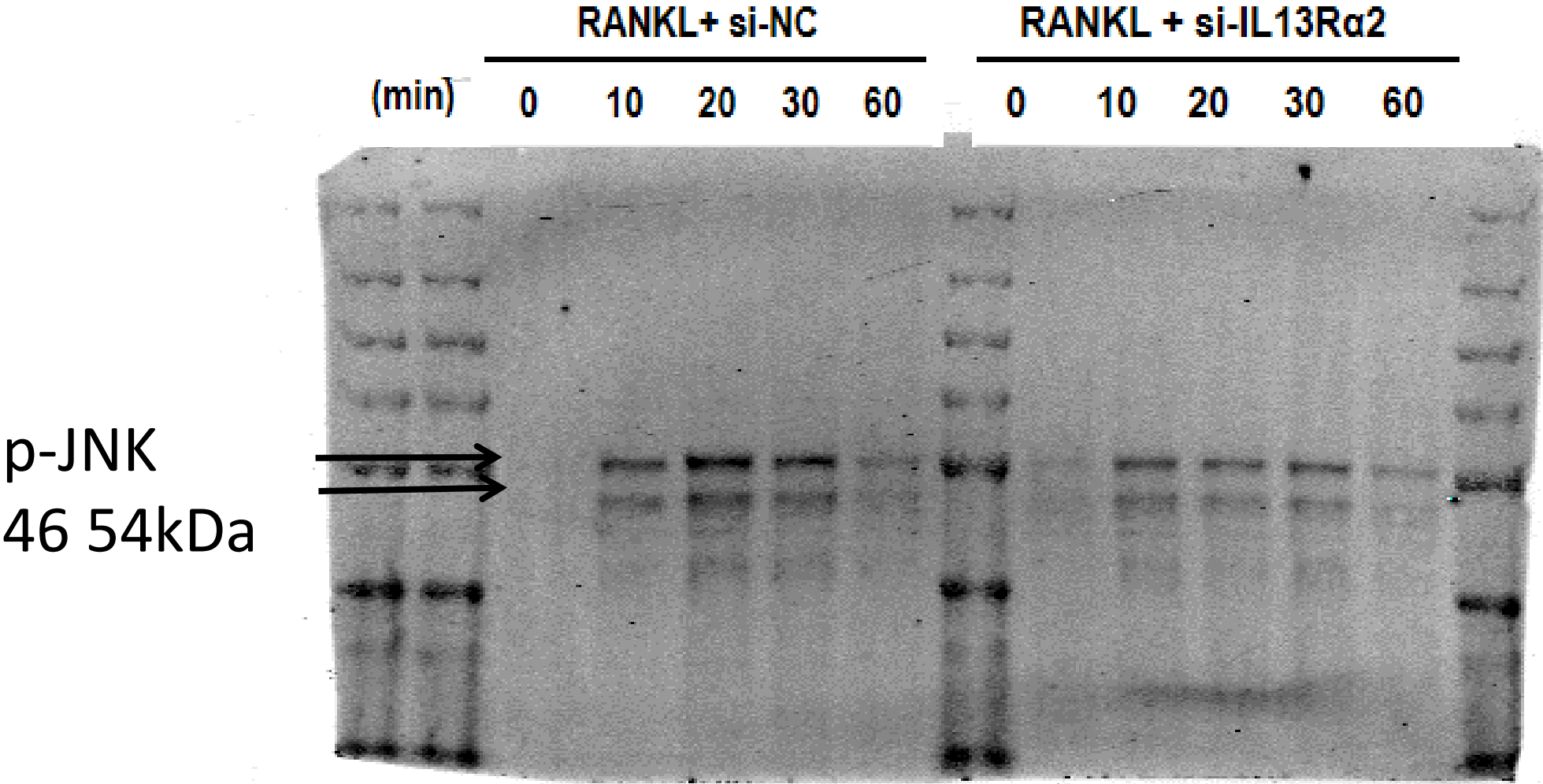


Figure 5A

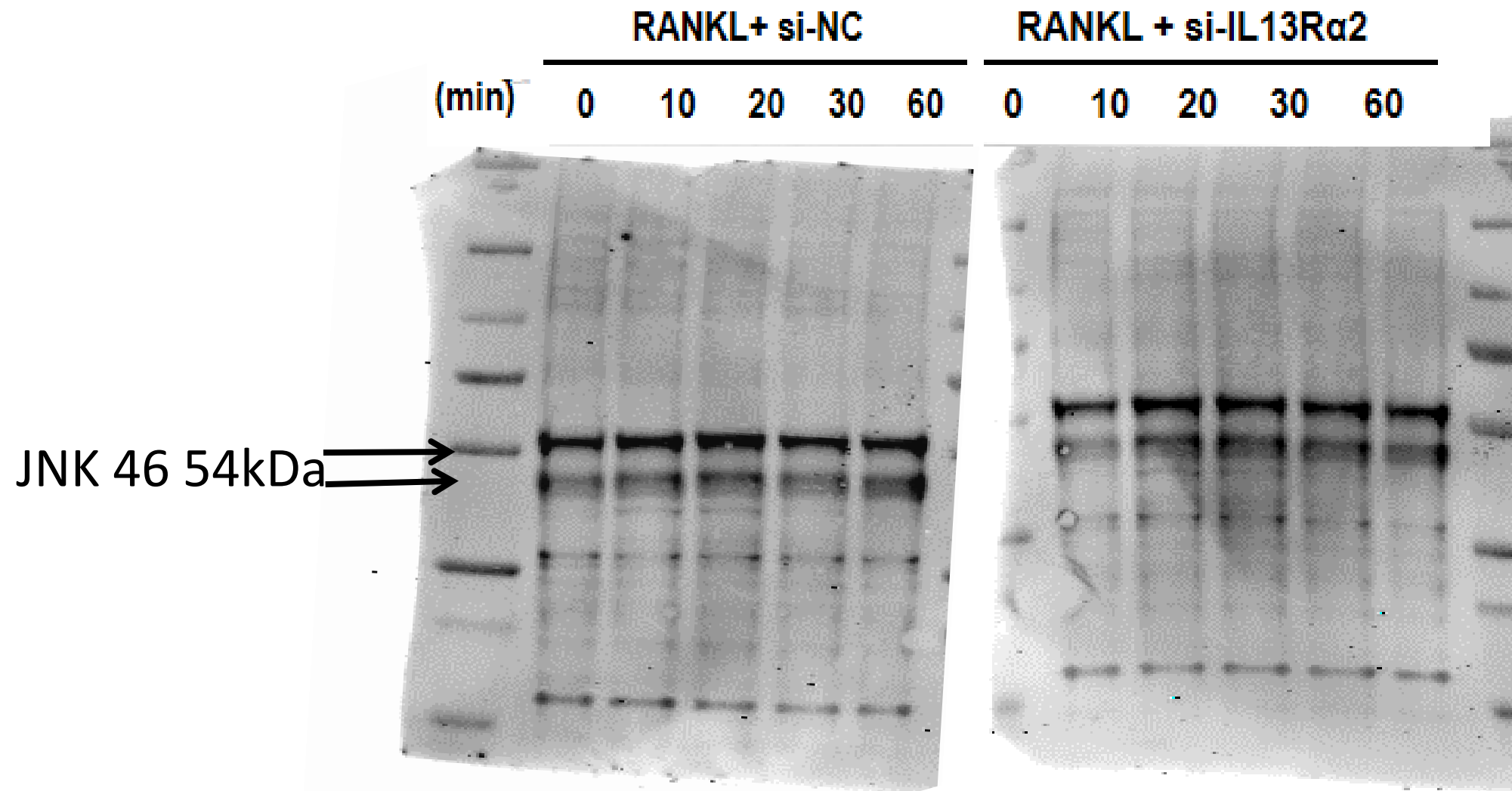


Figure 5A

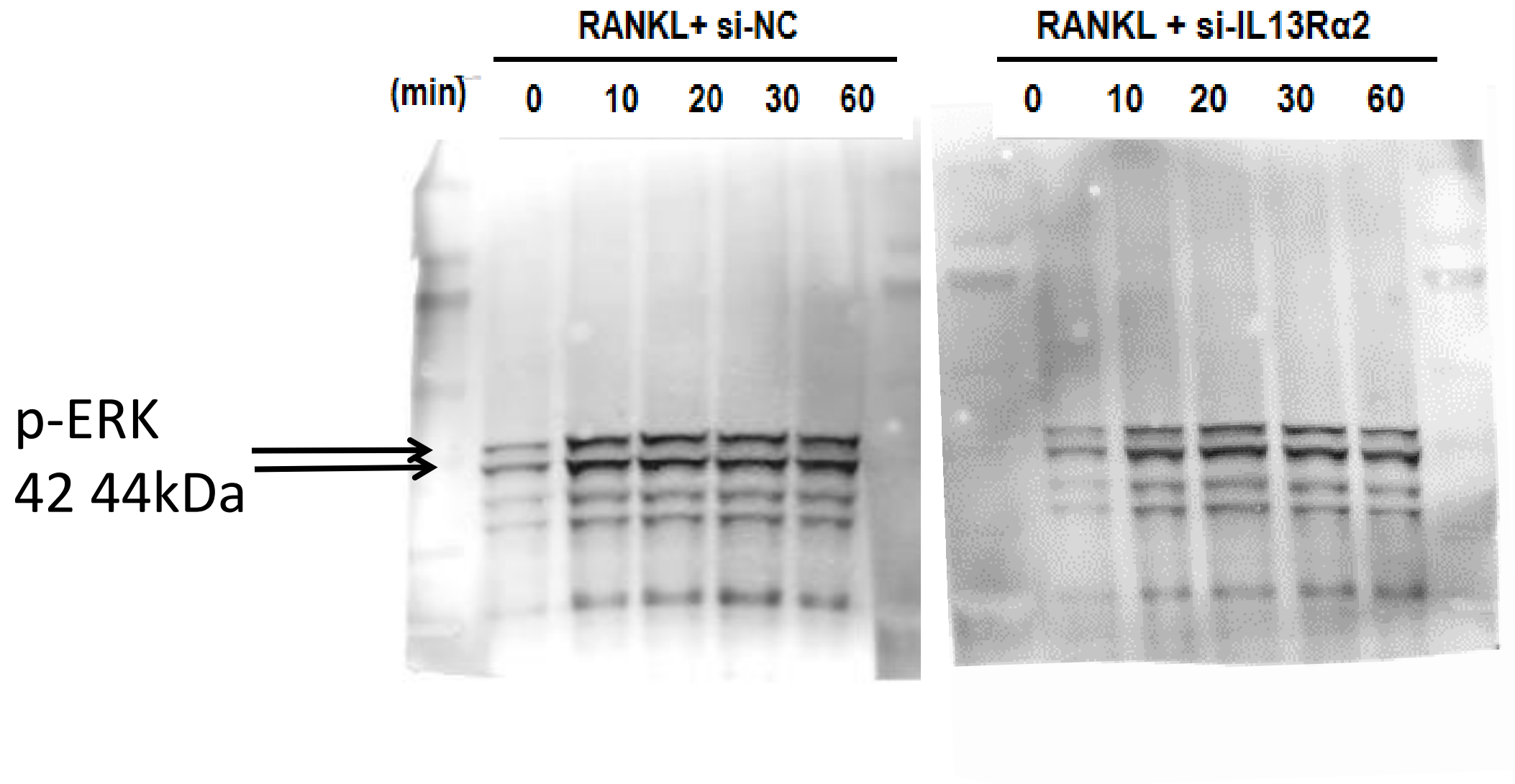


Figure 5A

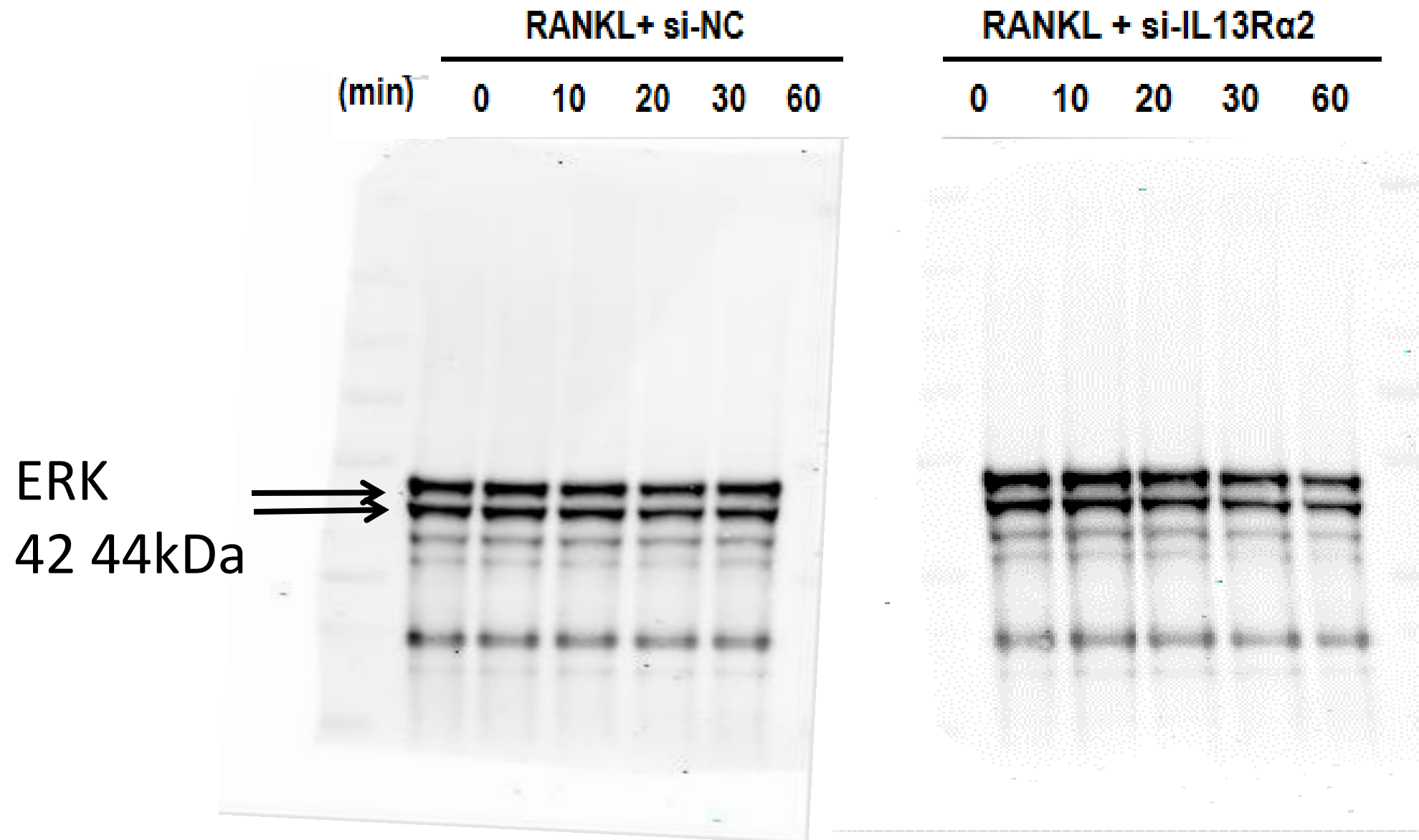


Figure5A

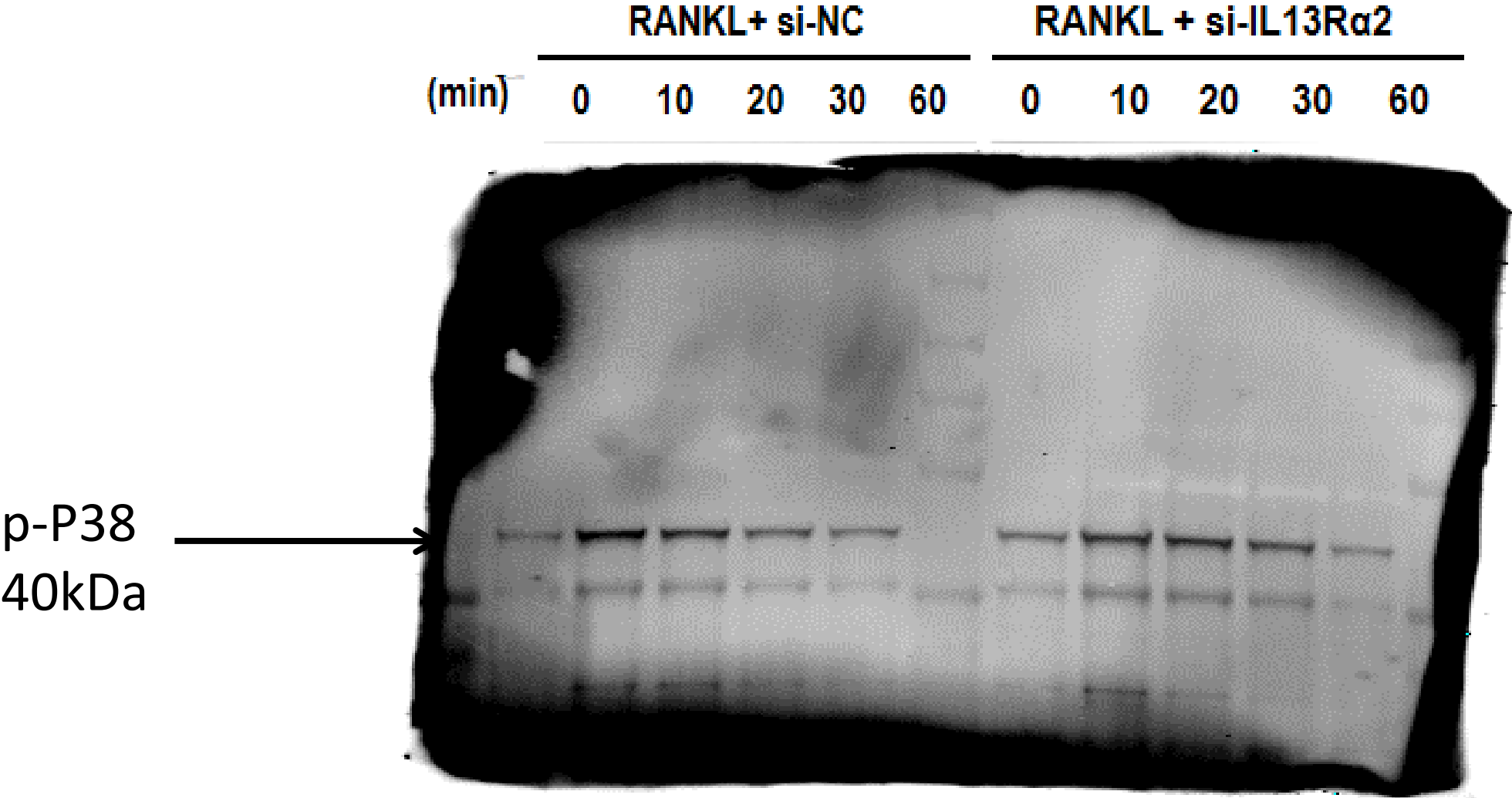


Figure5A

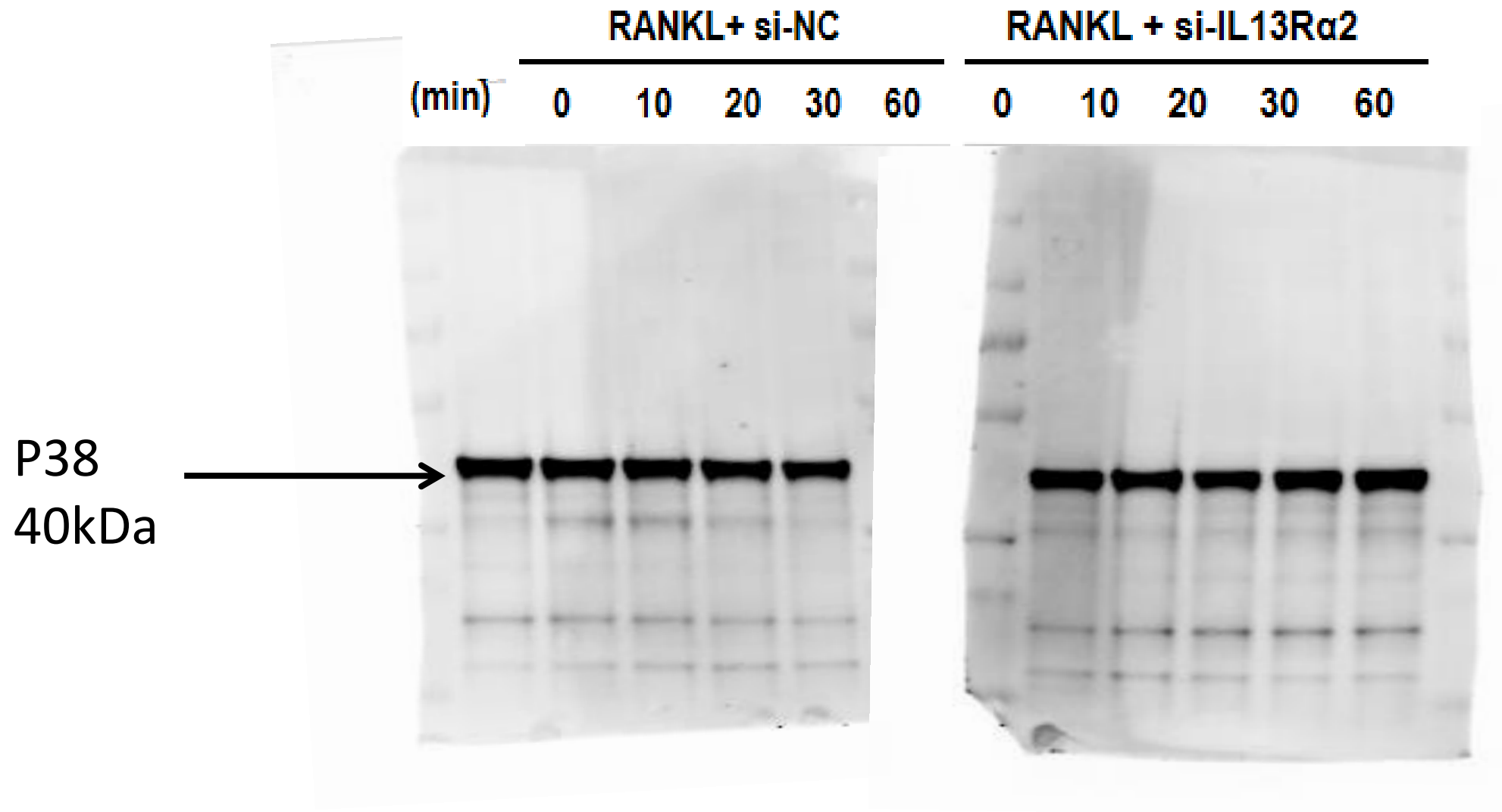


Figure5A

p-P65
65kDa

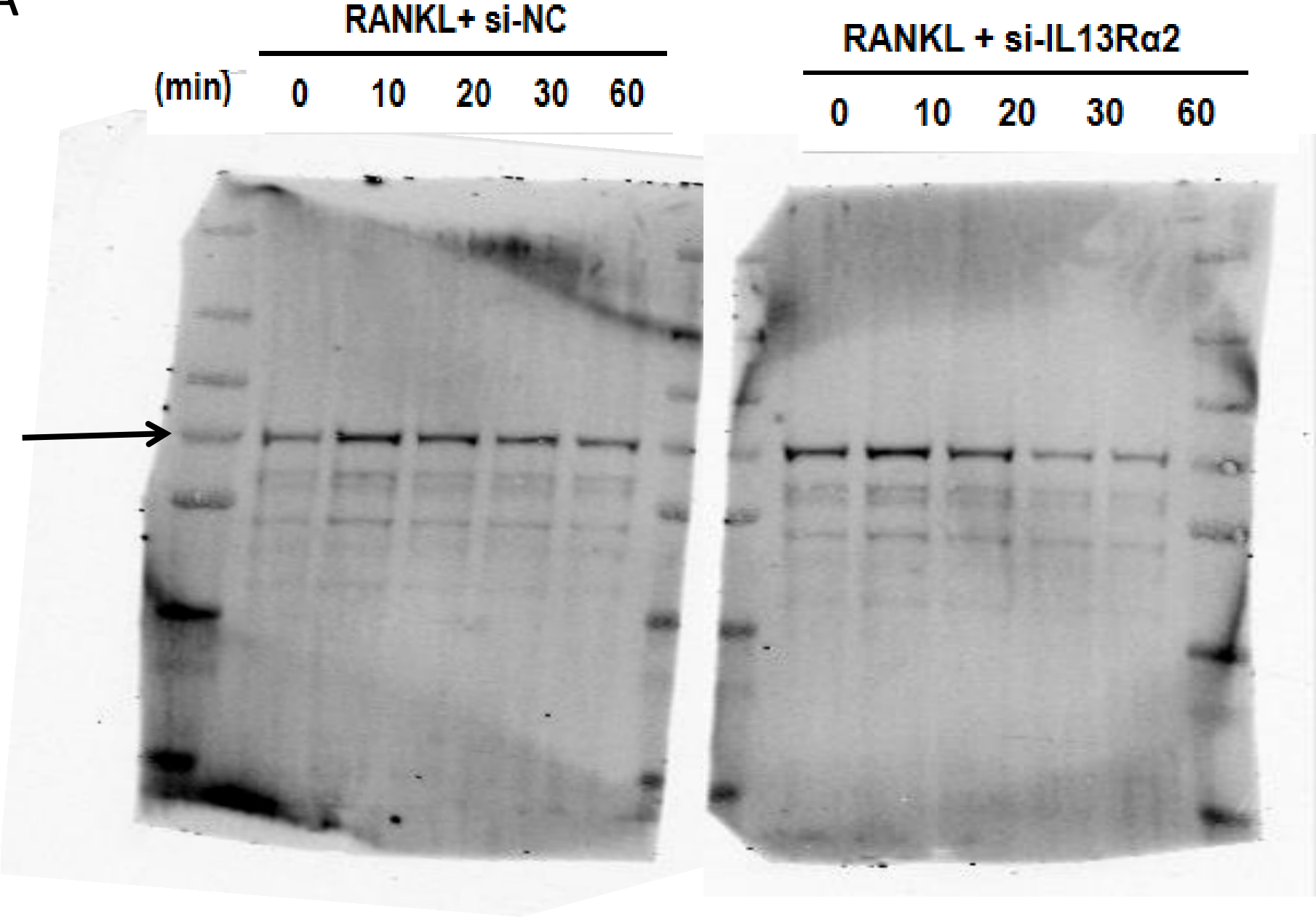


Figure5A

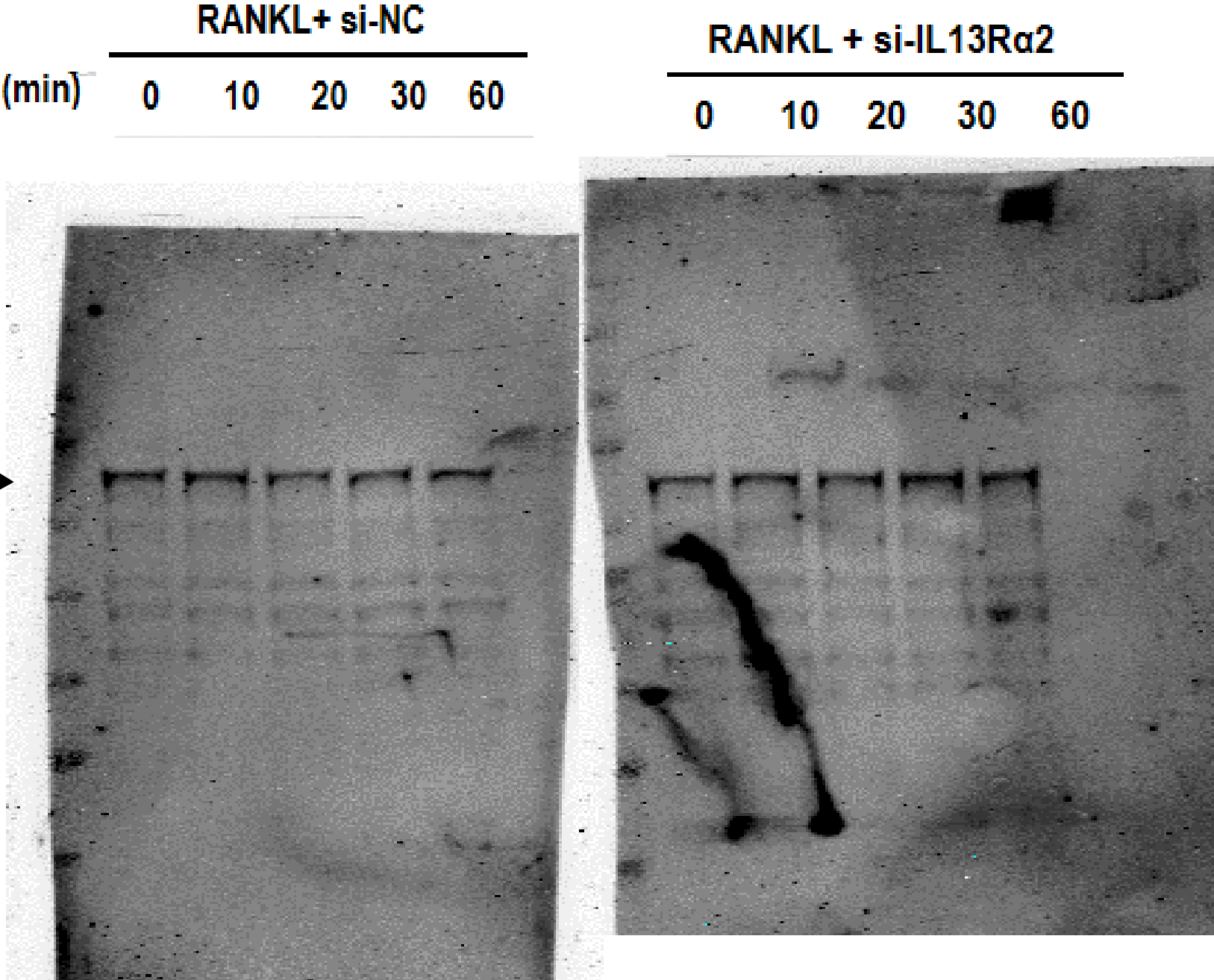


Figure5A

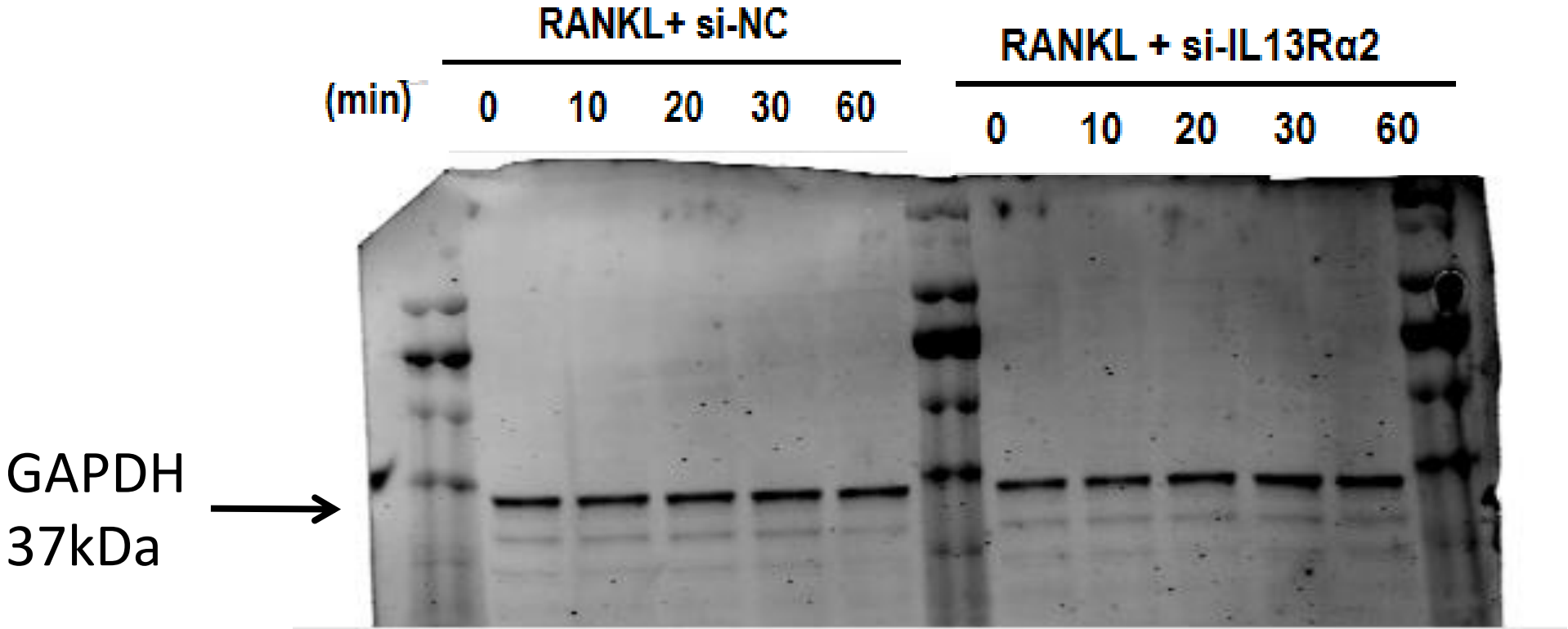
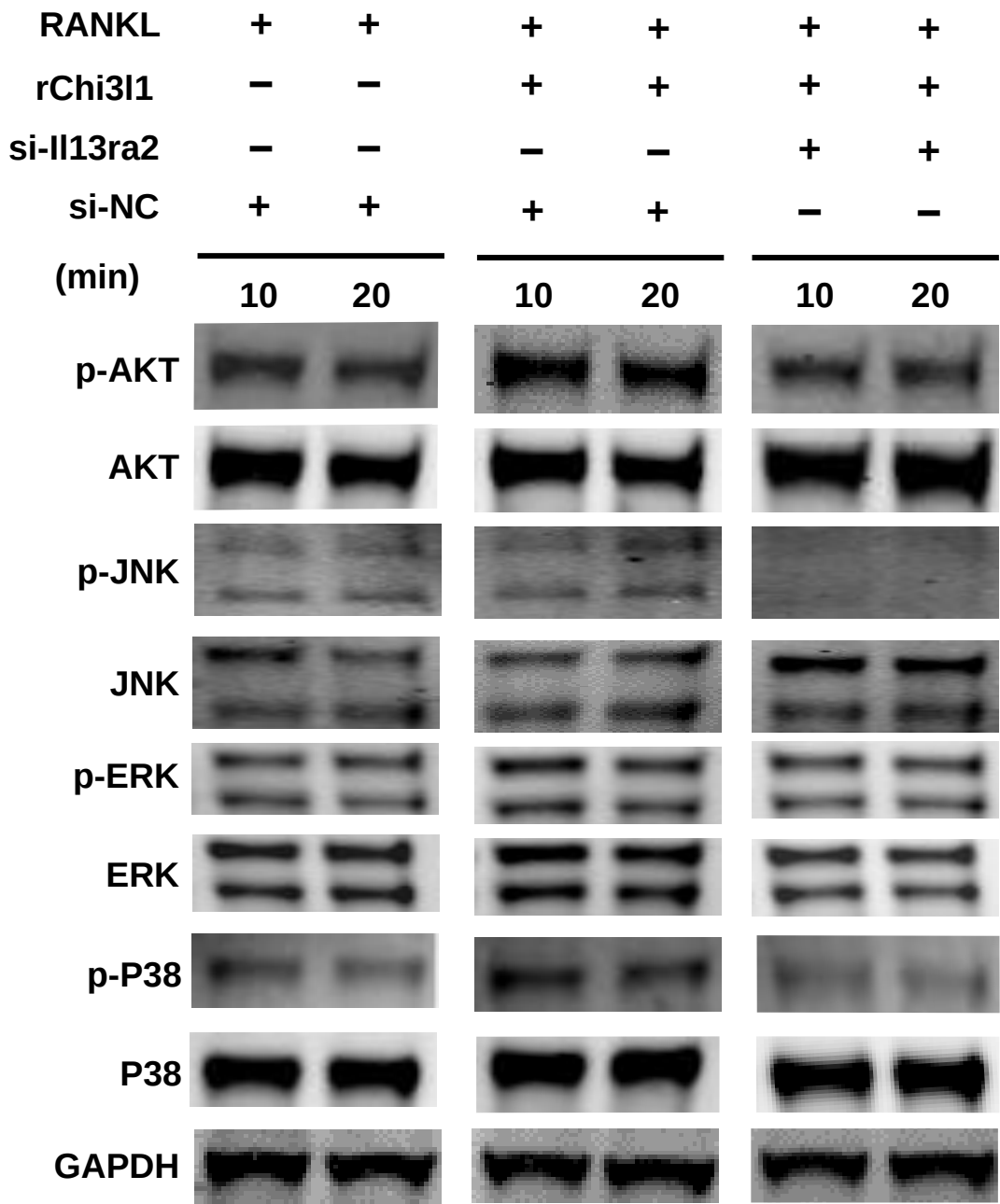


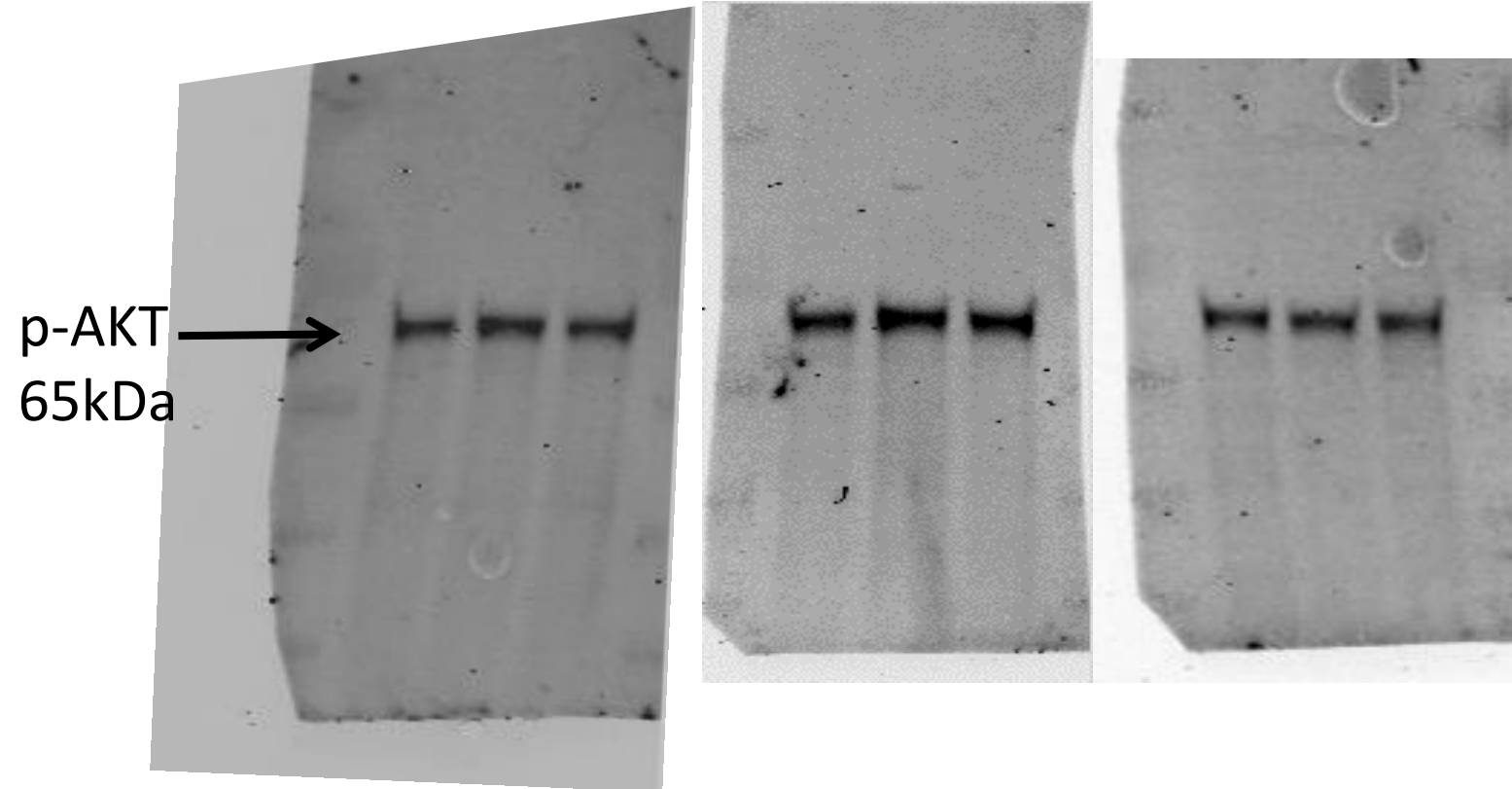
figure 6 C

C



C

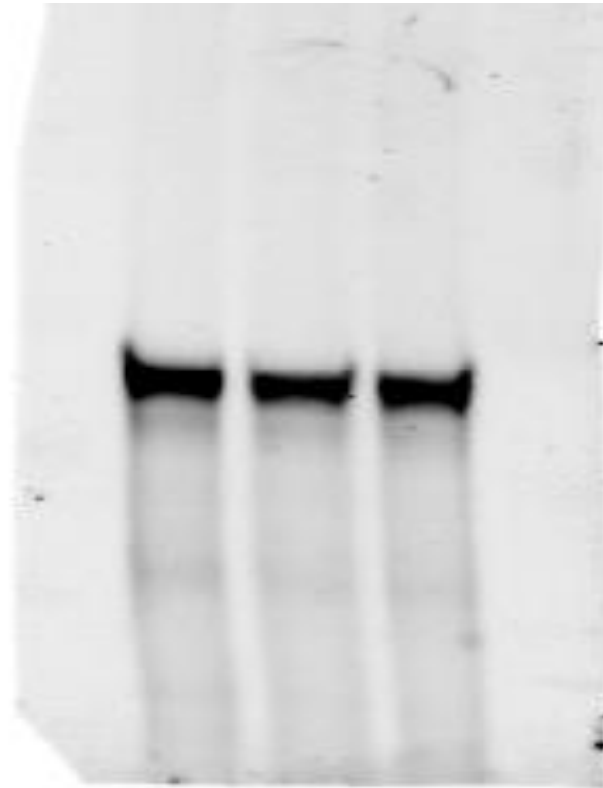
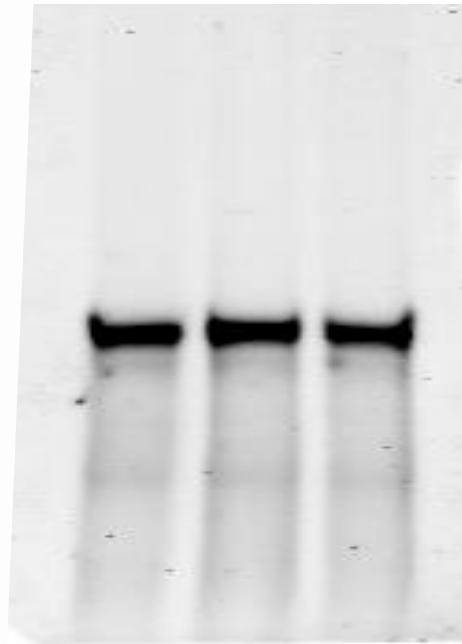
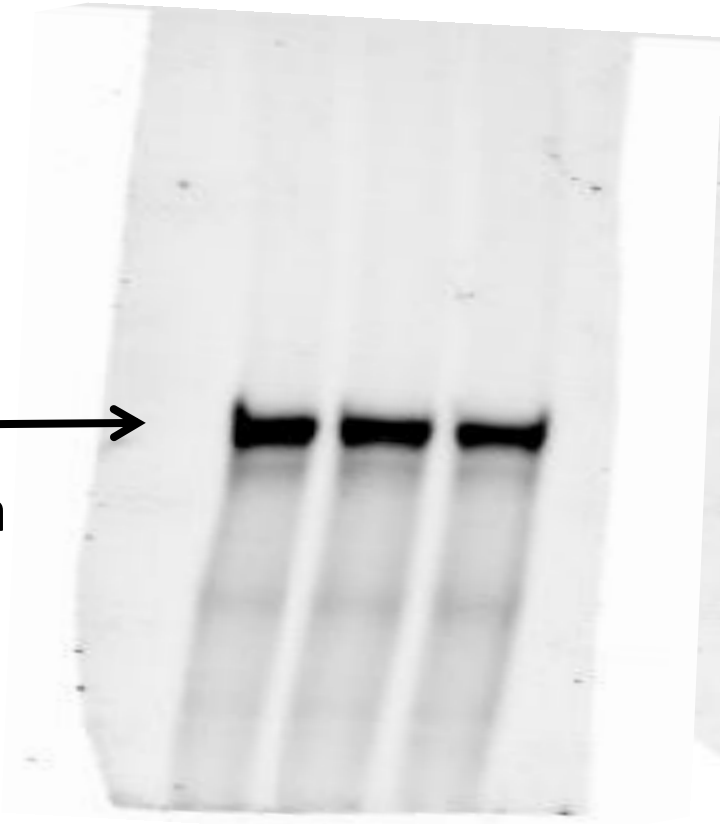
RANKL	+	+	+	+	+	+	+	+	+
rCHI3L1	-	-	-	+	+	+	+	+	+
si-Il13ra2	-	-	-	-	-	-	+	+	+
si-NC	+	+	+	+	+	+	-	-	-
(min)	0	10	20	0	10	20	0	10	20



C

RANKL	+	+	+	+	+	+	+	+	+
rCHI3L1	-	-	-	+	+	+	+	+	+
si-Il13ra2	-	-	-	-	-	-	+	+	+
si-NC	+	+	+	+	+	+	-	-	-
(min)	0	10	20	0	10	20	0	10	20

AKT →
65kDa



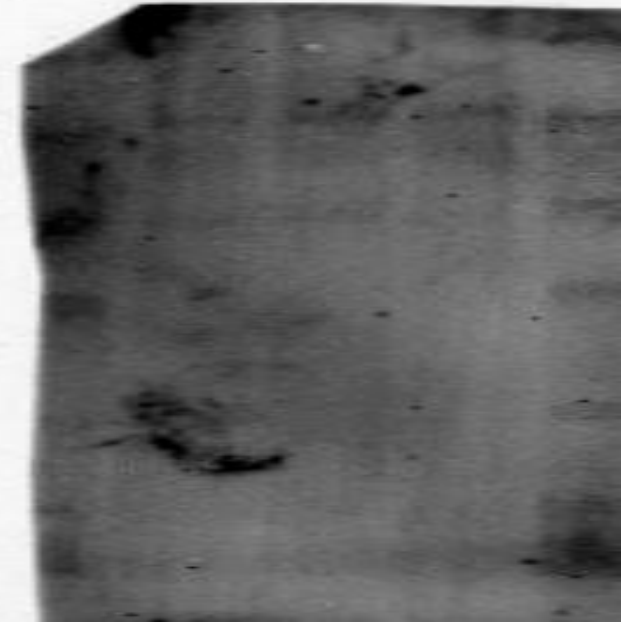
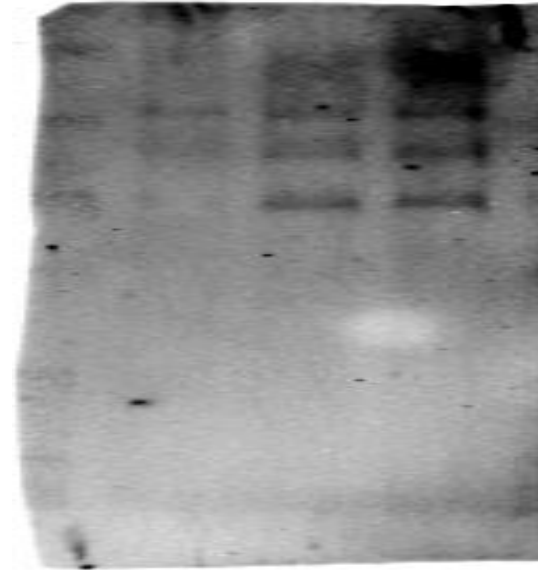
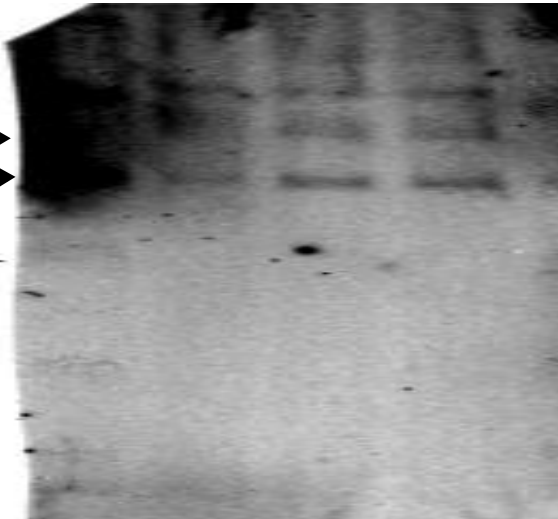
C

RANKL	+	+	+
rCHI3L1	-	-	-
si-II13ra2	-	-	-
si-NC	+	+	+
(min)	0	10	20

+	+	+
+	+	+
-	-	-
+	+	+
0	10	20

+	+	+
+	+	+
+	+	+
-	-	-
0	10	20

p-JNK
46 54kDa



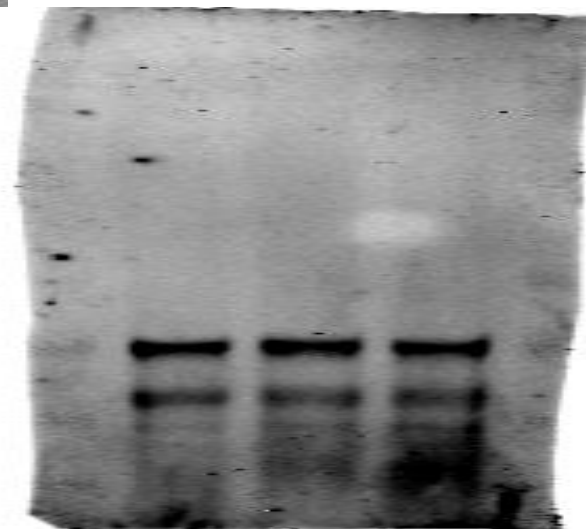
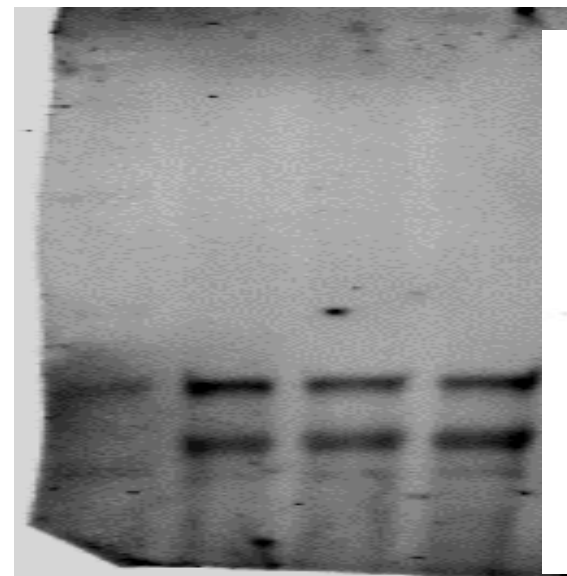
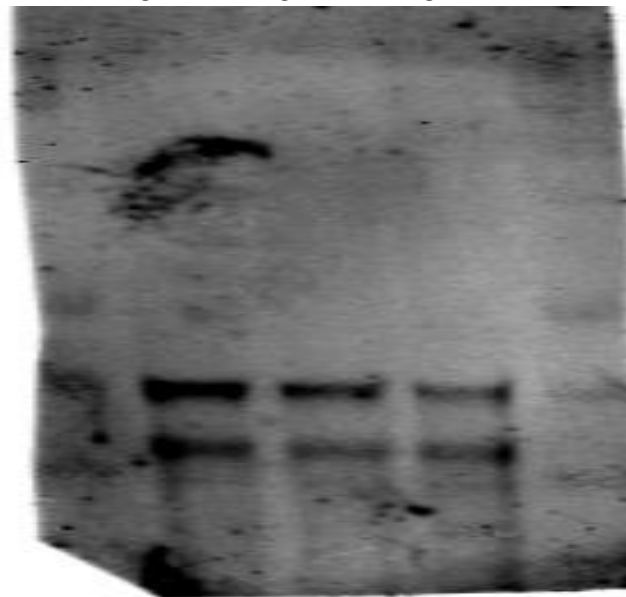
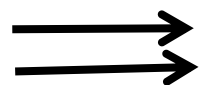
C

RANKL	+	+	+
rCHI3L1	-	-	-
si-Il13ra2	-	-	-
si-NC	+	+	+
(min)	0	10	20

+	+	+
+	+	+
-	-	-
+	+	+
0	10	20

+	+	+
+	+	+
+	+	+
-	-	-
0	10	20

JNK
46
54kDa



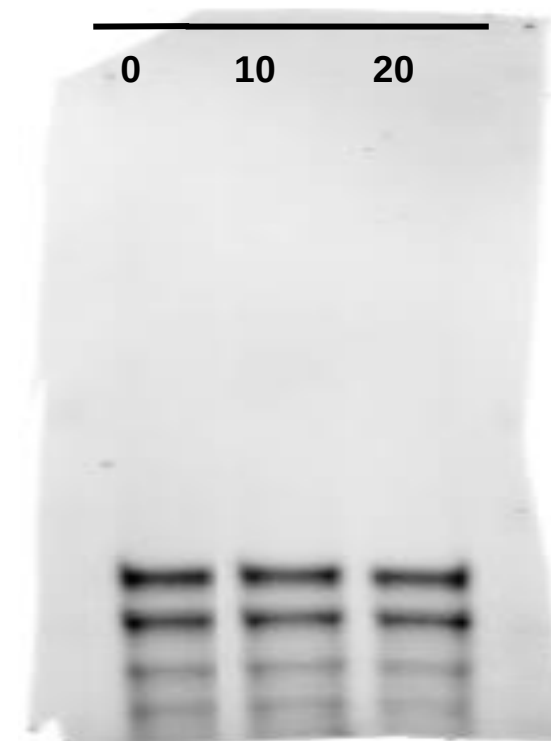
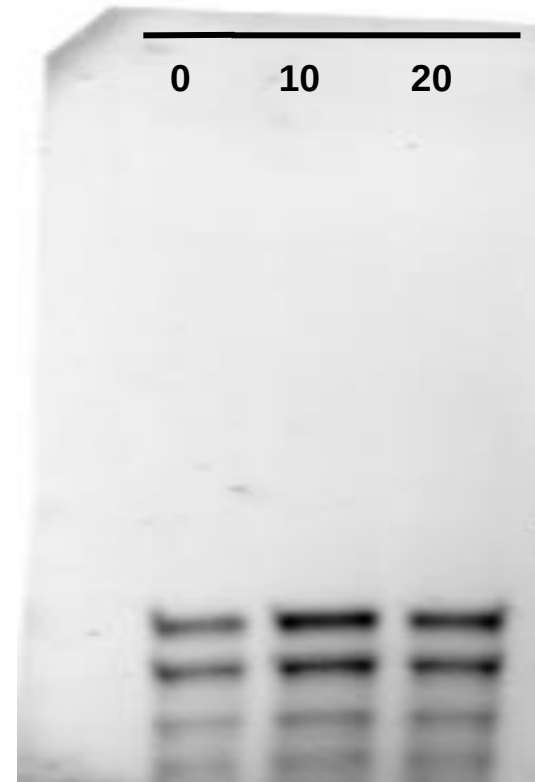
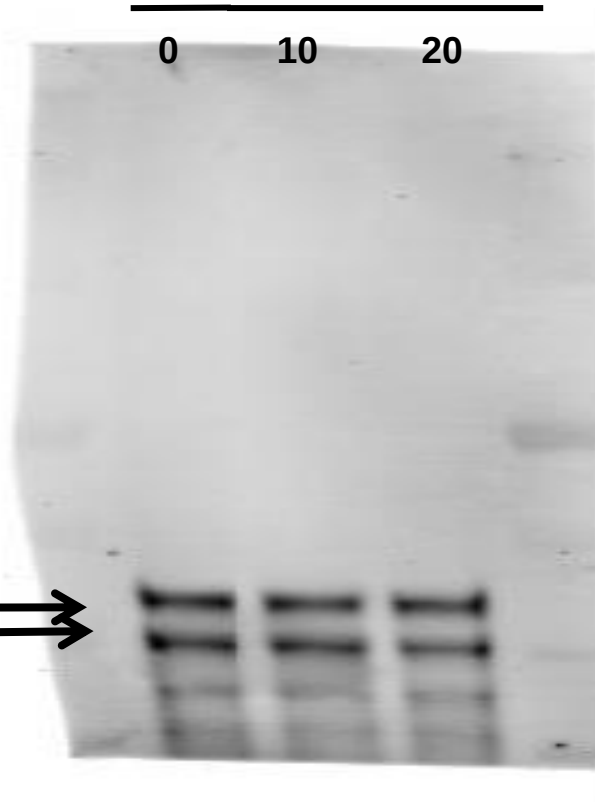
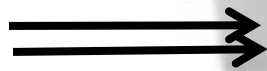
C

RANKL	+	+	+
rCHI3L1	-	-	-
si-Il13ra2	-	-	-
si-NC	+	+	+
(min)	0	10	20

+	+	+
+	+	+
-	-	-
+	+	+
0	10	20

+	+	+
+	+	+
+	+	+
-	-	-
0	10	20

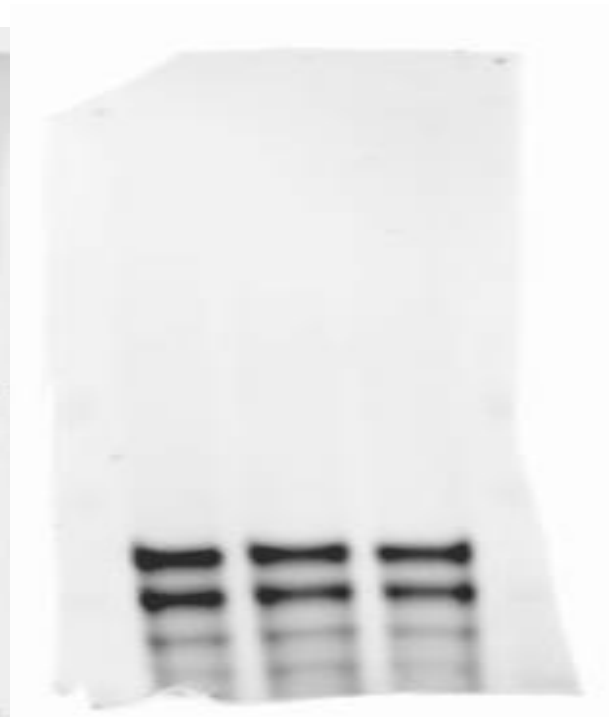
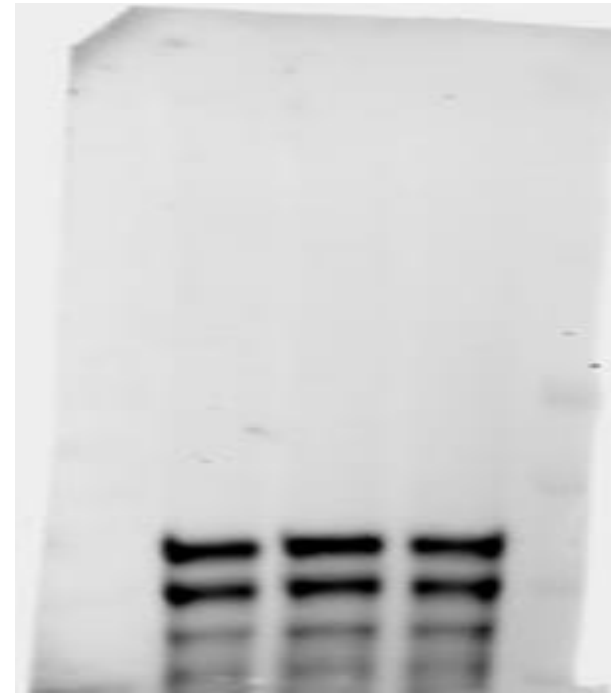
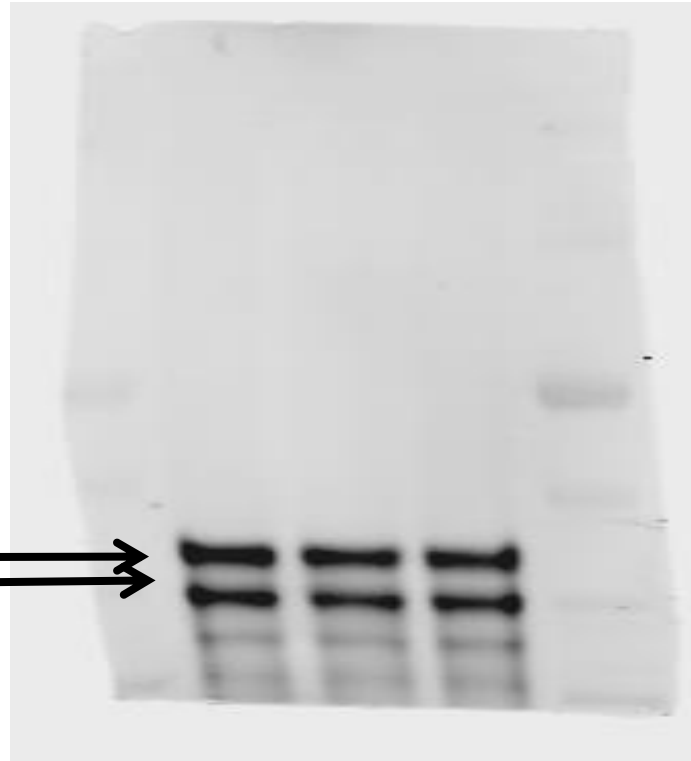
p-ERK
42 44kDa



C

RANKL	+	+	+	+	+	+	+	+	+
rCHI3L1	-	-	-	+	+	+	+	+	+
si-Il13ra2	-	-	-	-	-	-	+	+	+
si-NC	+	+	+	+	+	+	-	-	-
(min)	0	10	20	0	10	20	0	10	20

ERK
42 44kDa



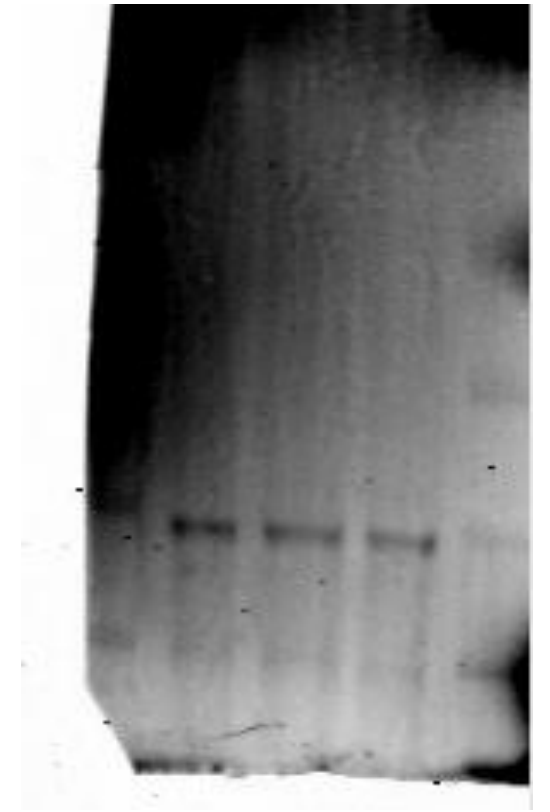
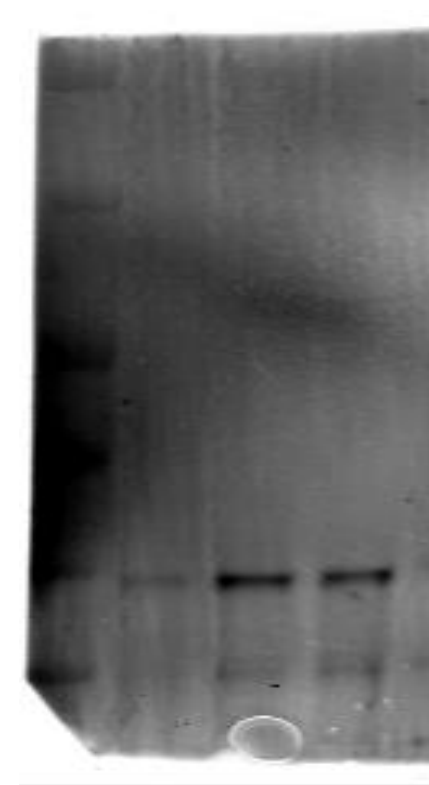
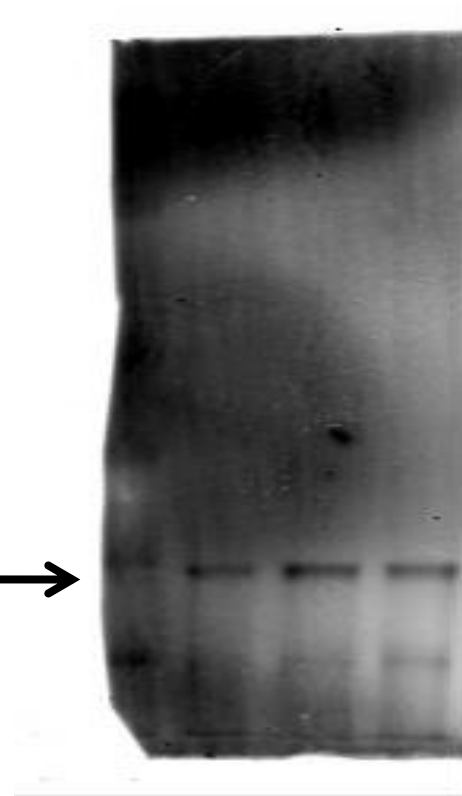
C

RANKL	+	+	+
rCHI3L1	-	-	-
si-Il13ra2	-	-	-
si-NC	+	+	+
(min)	0	10	20

+	+	+
+	+	+
-	-	-
+	+	+
0	10	20

+	+	+
+	+	+
+	+	+
-	-	-
0	10	20

p-P38
40kDa



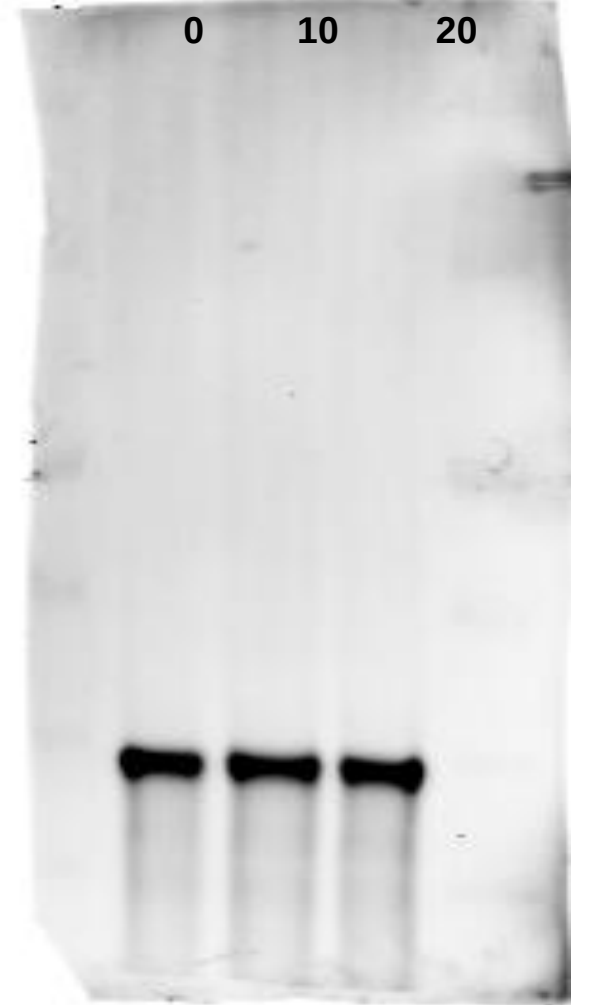
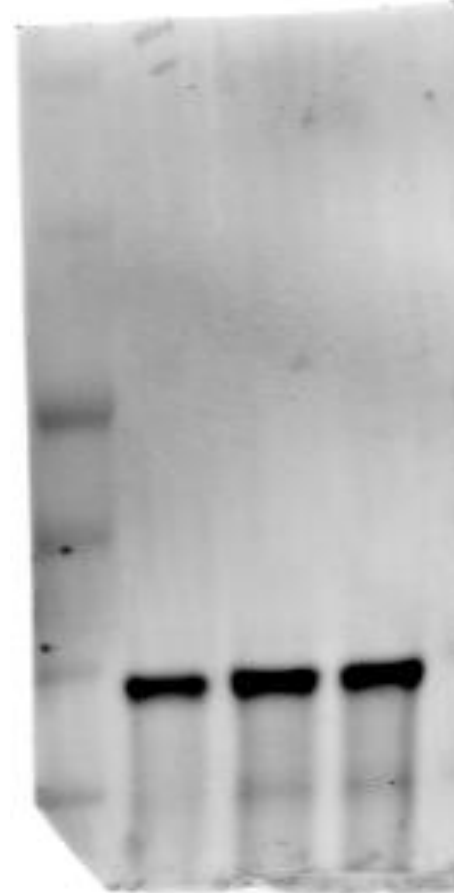
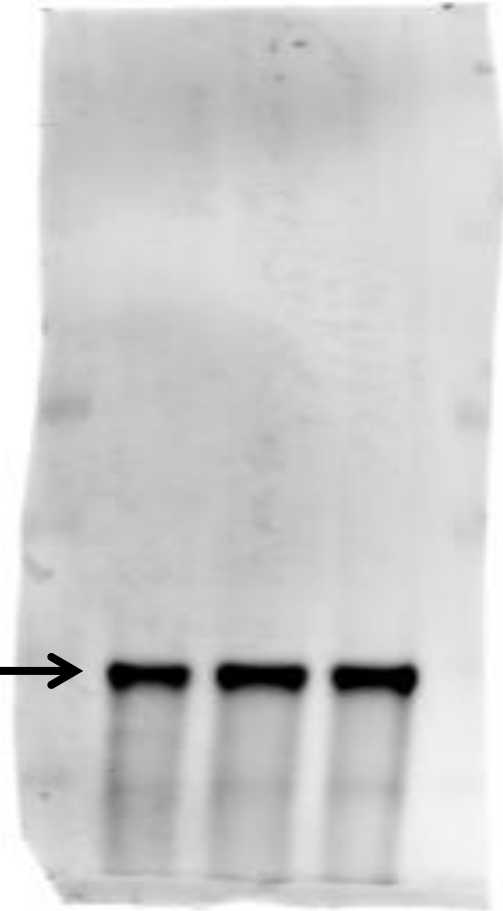
C

RANKL	+	+	+
rCHI3L1	-	-	-
si-Il13ra2	-	-	-
si-NC	+	+	+
(min)	0	10	20

+	+	+
+	+	+
-	-	-
+	+	+
0	10	20

+	+	+
+	+	+
+	+	+
-	-	-
0	10	20

P38
40kDa



C

RANKL	+	+	+
rCHI3L1	-	-	-
si-Il13ra2	-	-	-
si-NC	+	+	+
(min)	0	10	20

+	+	+
+	+	+
-	-	-
+	+	+
0	10	20

+	+	+
+	+	+
+	+	+
-	-	-
0	10	20

GAPDH
37kDa →

