

Figure 4C – C2C12 confirm overexpression of DDK-tagged hBCAT2

PageRuler™ Prestained Protein Ladder, 10 to 180 kDa

Precision Plus Protein Standard

Blot for BCAT2

Blot for DDK tag

50 kDa

75 kDa

DDK-tagged BCAT2

25 kDa

Area in figure

Area in figure

2HB - + - +
Vector hBCAT2

2HB - + - +
Vector hBCAT2

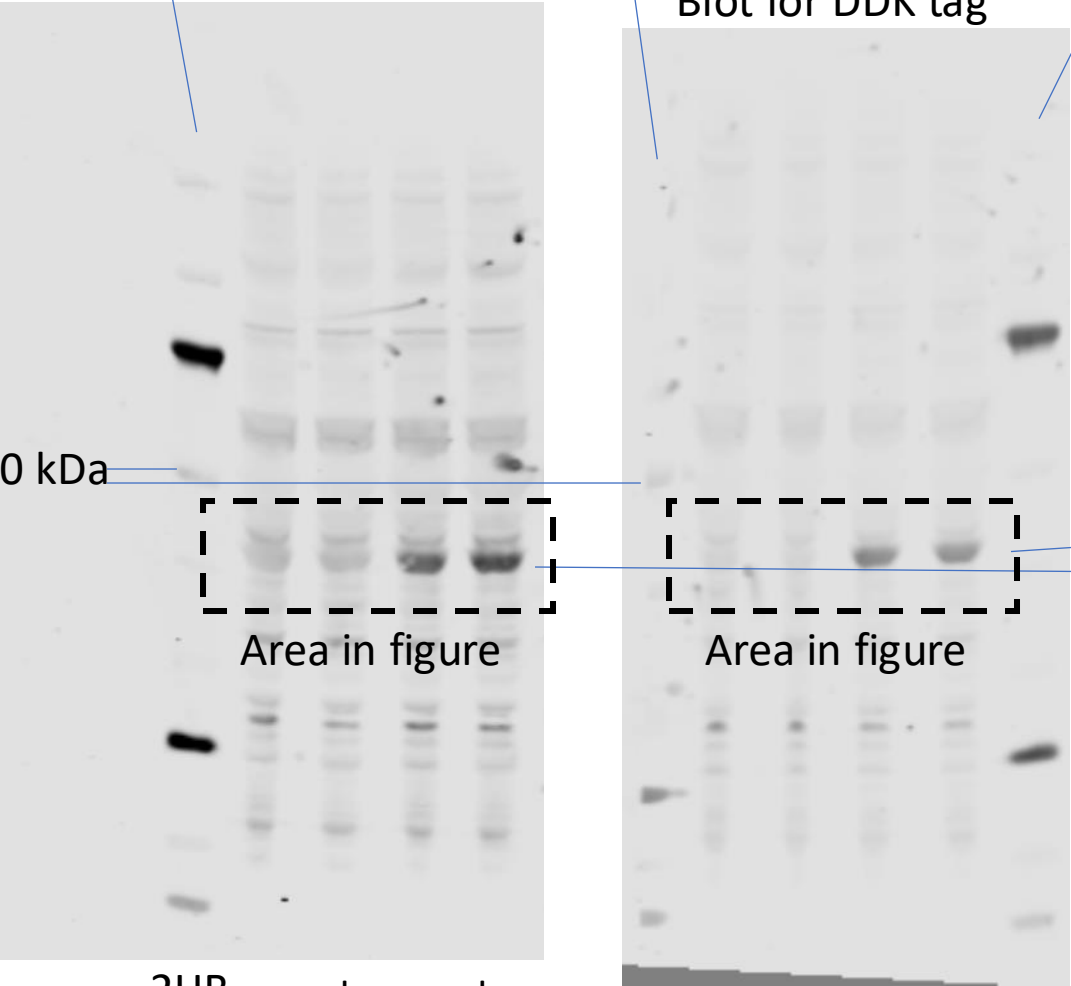
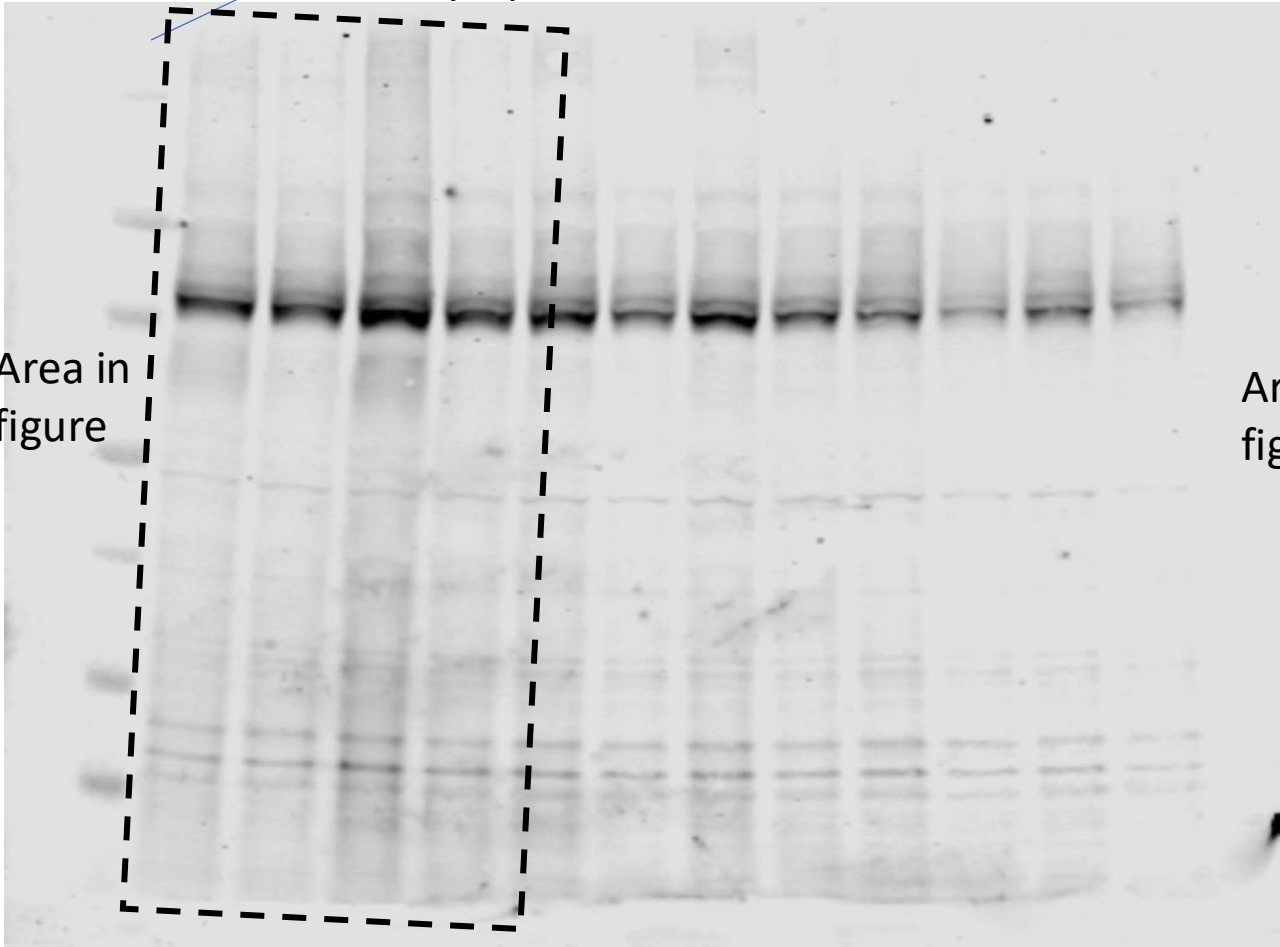


Figure 4E — C2C12 lysates transfected with siRNA against SIRT4 for non-targeting control, stained for total ADPr

PageRuler™ Prestained Protein Ladder, 10 to 180 kDa

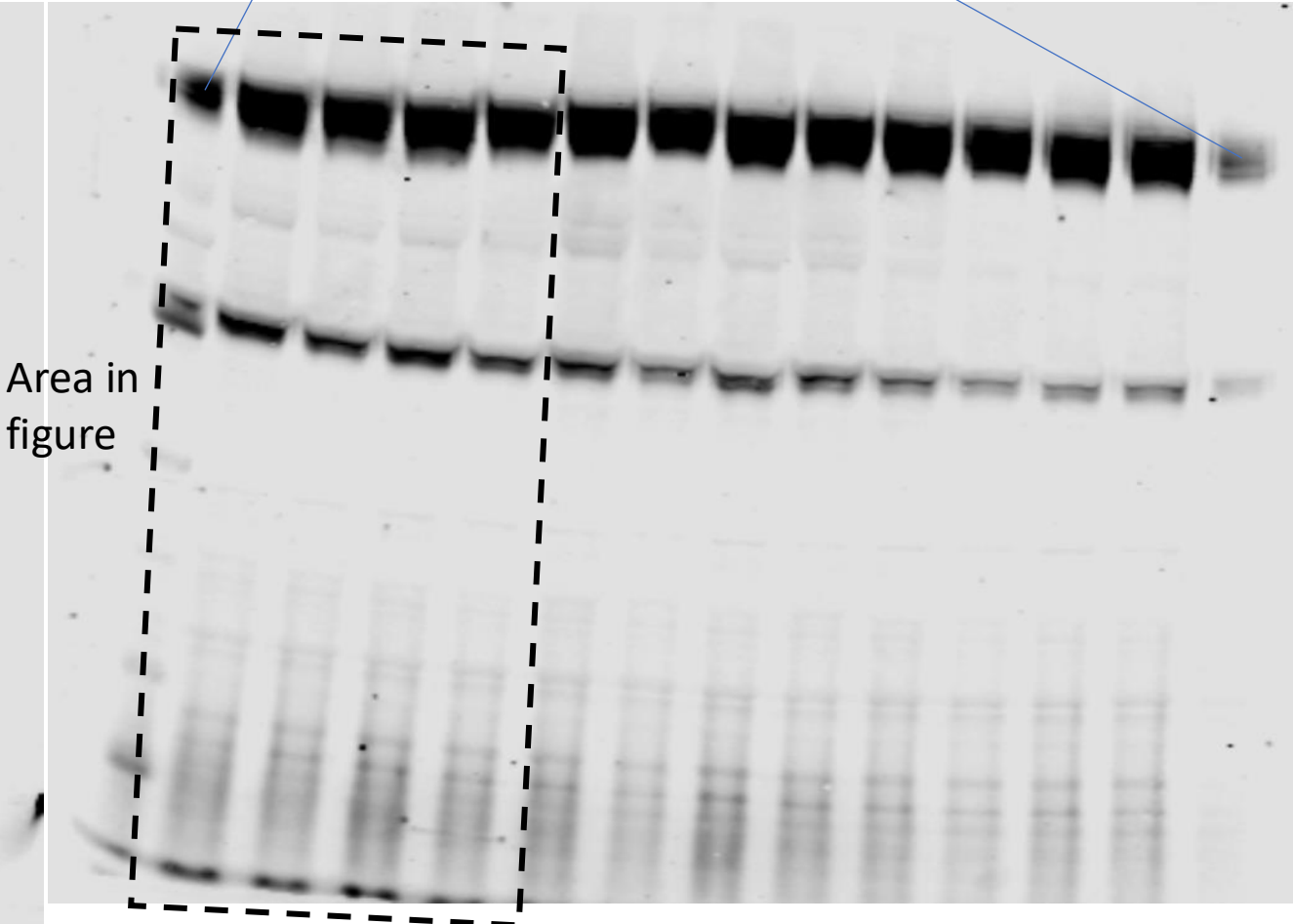
Cytoplasmic extract



siRNA:	-	+	-	+	-	+	-	+	-	+	-	+
2HB:	-	-	+	+	-	-	+	+	-	-	+	+

Sample overflow into ladder lanes

Nuclear extract



-	+	-	+	-	+	-	+	-	+	-	+
-	-	+	+	-	-	+	+	-	-	+	+

Figure 4F — C2C12 lysates transfected with siRNA against SIRT4 for non-targeting control, IP experiments

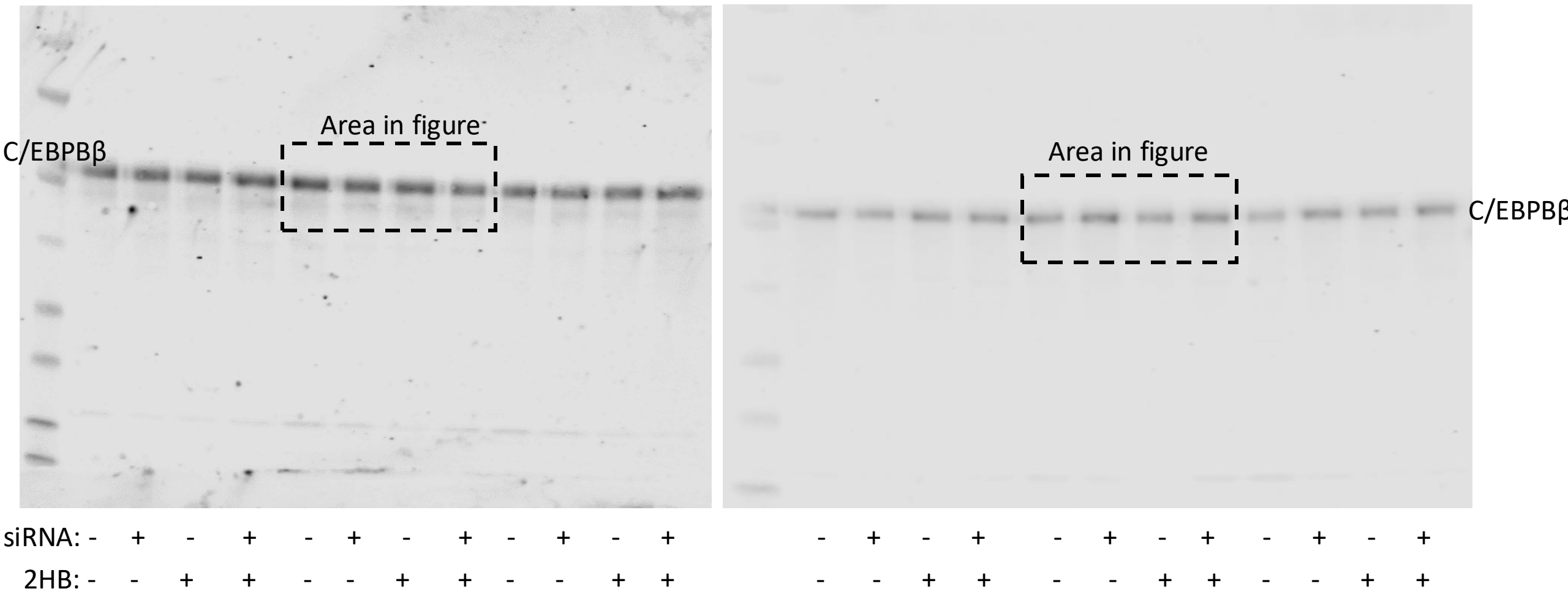


Figure 4F continued – C2C12 lysates transfected with siRNA against SIRT4 for non-targeting control, IP experiments, input samples blot for C/EBPbeta and H3

