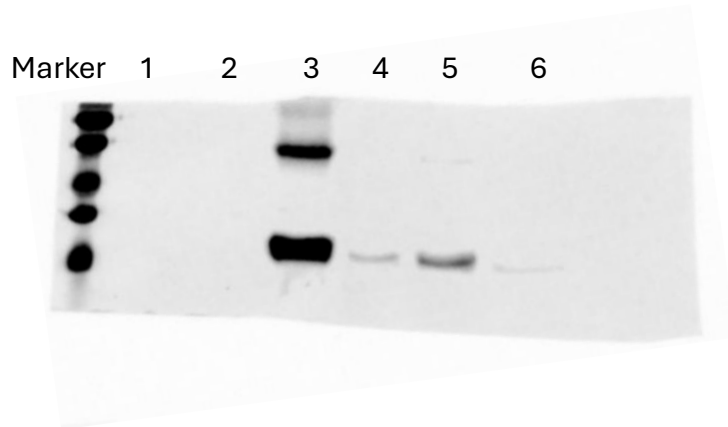
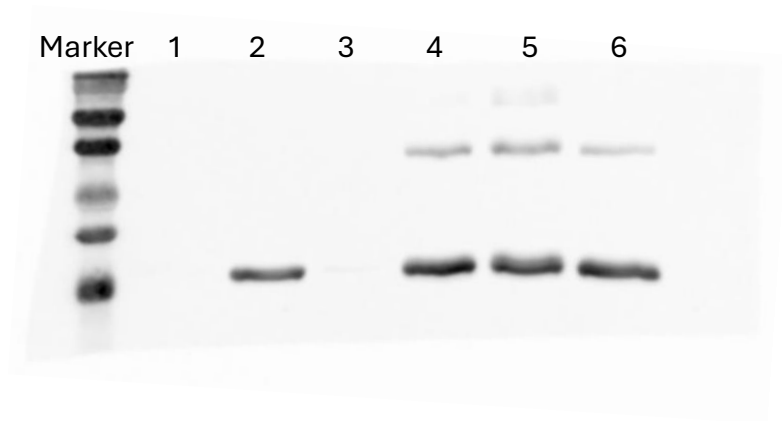


Detected by blotting with anti-Kbhb



Detected by blotting with anti-Kac



Ponceau staining

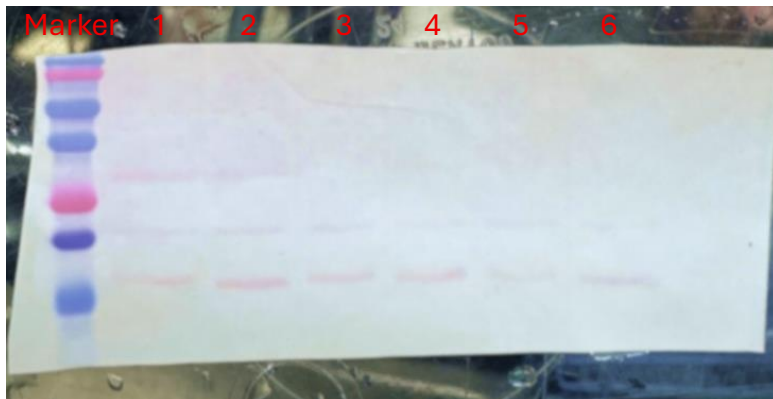
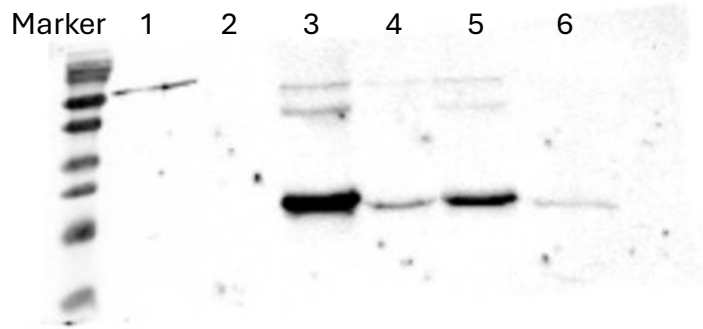
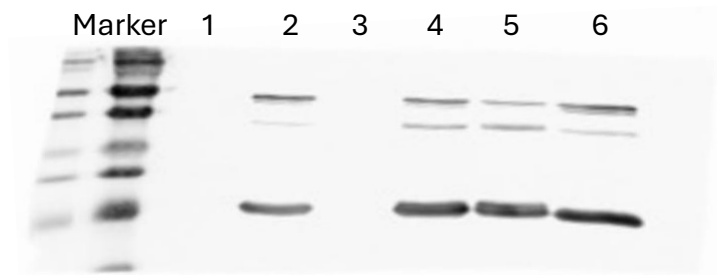


Figure 3-figure supplement 2, Source Data 1. (B) Original membranes corresponding to Figure 3-figure supplement 2, panel B. Lanes 1–6 show NaBH_4 -reduced samples from reactions in which histone H3 and PCAF were incubated with no added substrate; 10 μM acetyl-CoA; 10 μM acetoacetyl-CoA; 10 μM acetyl-CoA plus 10 μM acetoacetyl-CoA; 10 μM acetyl-CoA plus 50 μM acetoacetyl-CoA; or 50 μM acetyl-CoA plus 10 μM acetoacetyl-CoA.

Detected by blotting with anti-Kbhb



Detected by blotting with anti-Kac



Ponceau staining

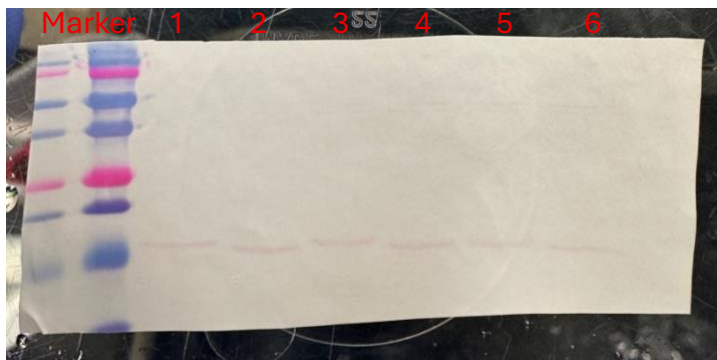
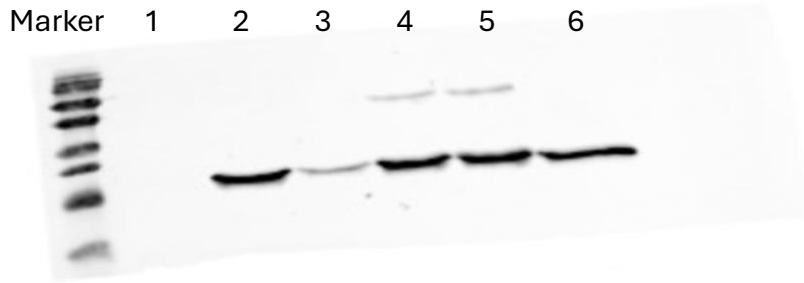
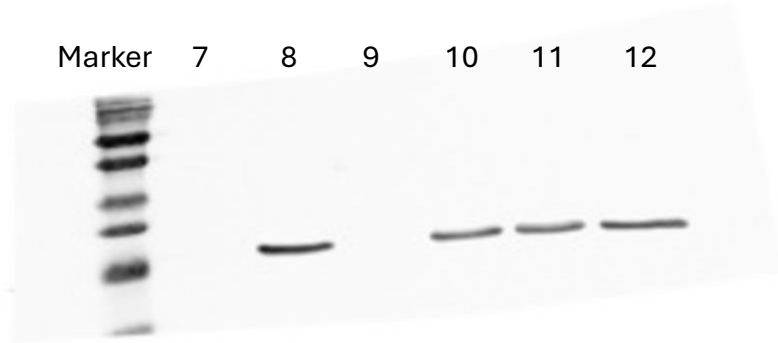


Figure 3-figure supplement 2, Source Data 1. (C) Original membranes corresponding to Figure 3-figure supplement 2, panel C. Lanes 1–6 show NaBH₄-reduced samples from reactions in which histone H3 and p300 were incubated with no added substrate; 10 μM acetyl-CoA; 10 μM acetoacetyl-CoA; 10 μM acetyl-CoA plus 10 μM acetoacetyl-CoA; 10 μM acetyl-CoA plus 50 μM acetoacetyl-CoA; or 50 μM acetyl-CoA plus 10 μM acetoacetyl-CoA.

Detected by blotting with anti-Kbhb



Detected by blotting with anti-Kbhb



Ponceau staining

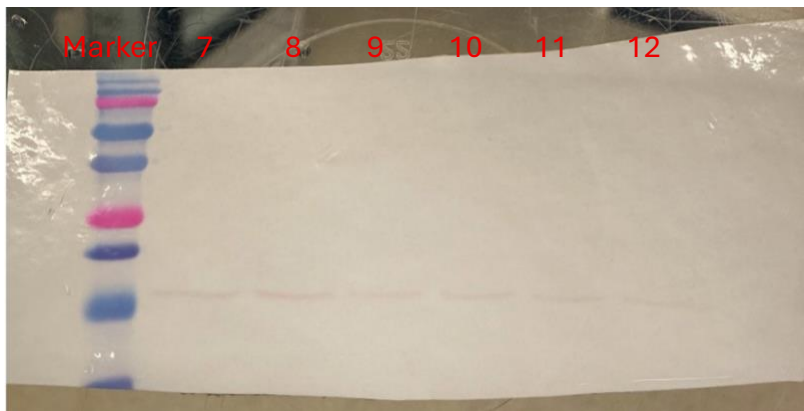


Figure 3-figure supplement 2, Source Data 1. (D) Original membranes corresponding to Figure 3-figure supplement 2, panel D. Lanes 1–6 show NaBH_4 -reduced samples from reactions in which histone H3 and p300 were incubated with no added substrate; 10 μM β -hydroxybutyryl-CoA; 10 μM acetoacetyl-CoA; 10 μM β -hydroxybutyryl-CoA plus 10 μM acetoacetyl-CoA; 10 μM β -hydroxybutyryl-CoA plus 50 μM acetoacetyl-CoA; or 50 μM β -hydroxybutyryl-CoA plus 10 μM acetoacetyl-CoA. Lanes 7–12 show the corresponding non- NaBH_4 -reduced samples under the same conditions.