



Figure 2-figure supplement 1. The stability of DBC1 was regulated by SIAH2.

(A) HeLa cells were transfected with several hypoxia-relative E3 ligases and cultured for 24 h. The proteins level of E3 ligases were detected by Western blotting. (B-C) MCF10A and MCF7 cells were cultured under normoxia or hypoxia for 18 h, then treated with 10 μ M MG132 and incubated under normoxia or hypoxia for another 6 h. Endogenous interactions between DBC1 and SIAH2 were analyzed by Co-IP. (D-E) Truncated forms of Myc-DBC1 and Flag-SIAH2^{RM} were constructed based on its functional domains. (F) Quantitative Real-time PCR analysis of the DBC1 mRNA level in HeLa cells, data are the mean \pm SEM of three experiments, Student's t-test, ns means not significant. (G) Western blotting analysis of the DBC1 level in HeLa cells expressing Flag-SIAH2 and treated with or without the lysosomal inhibitor BA1 (20 nM).