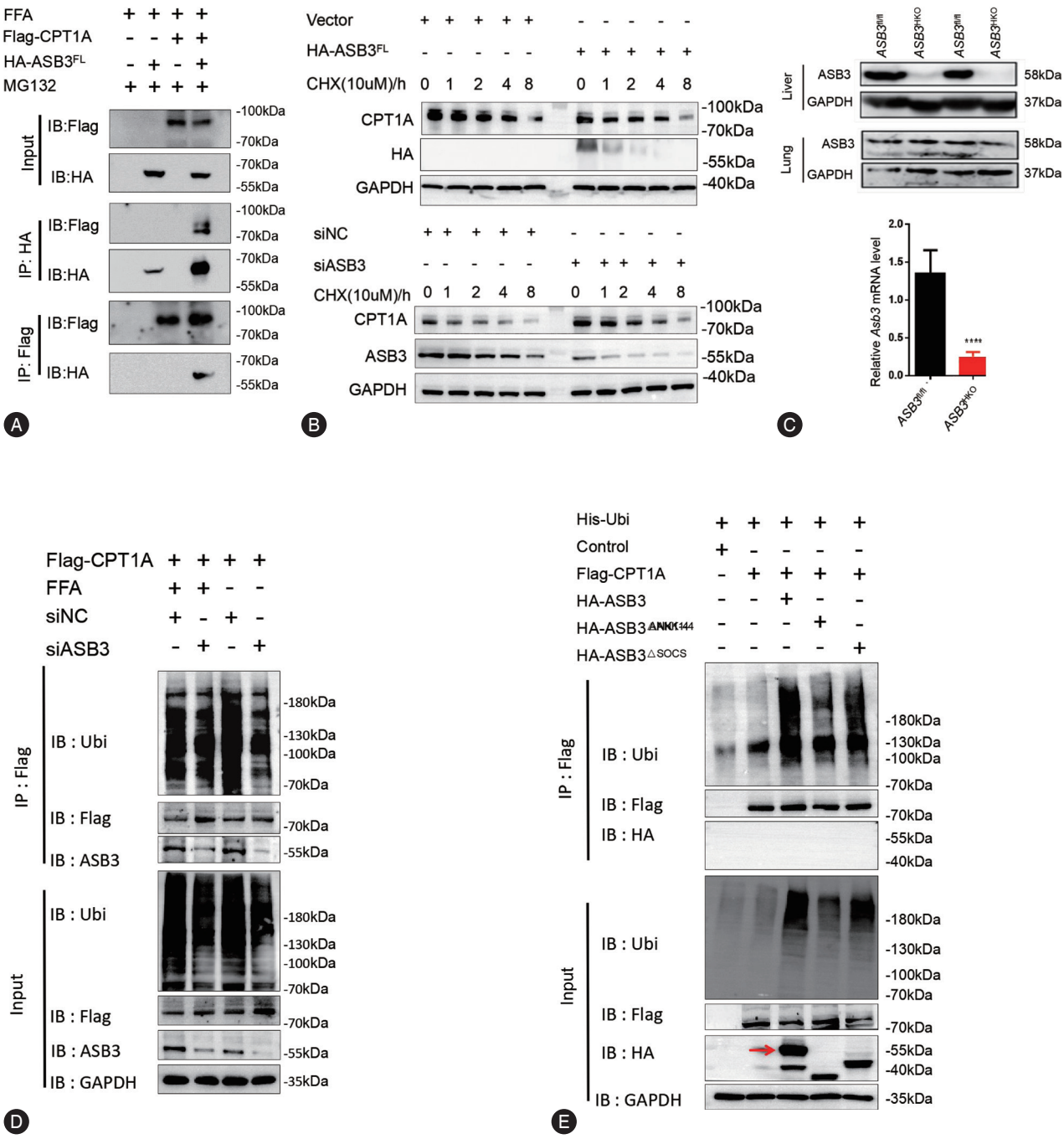

Supplementary Figure 3. Comprehensive validation of ASB3-dependent ubiquitination and degradation of CPT1A. (A) Immunoblotting images of ASB3 interacting with CPT1A in Huh7 cell line. (B) CPT1A protein levels in ASB3-overexpression 293T cells (up) or siASB3 293T cells (down) with CHX treatment. (C) Western blot shows ASB3 expression in the liver and lung tissues and the mRNA level of ASB3 in the liver of ASB3HKO and ASB3fl/fl mice in the upper panel. (D) CPT1A ubiquitination in siASB3 treated HepG2 cells with 1 mM FFA treatment. (E) Immunoblotting images of the interaction domains between CPT1A and HA-ASB3 or its truncations under denatured conditions. ****P<0.0001.

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