CORRIGENDUM



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Hao Z, Zheng L, Kluwe L, Huang W. Ferritin light chain and squamous cell carcinoma antigen 1 are coreceptors for cellular attachment and entry of hepatitis B virus. Int J Nanomedicine. 2012;7:827-834.

1. The third affiliation, for Weida Huang, was incorrectly given as:

³Laboratory for Synthetic Biology, Centers for Nano-Medicine, Shanghai, People's Republic of China.

The correct affiliation is as follows:

³Laboratory for Synthetic Biology, Centers for Nano-Medicine, Shanghai Advanced Research Institute, Chinese Academy of Sciences, Shanghai, People's Republic of China.

2. Figures 1 and 2 were incorrectly presented. The correct figures are shown below.

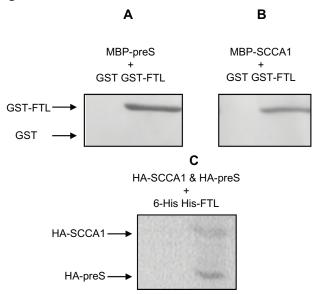
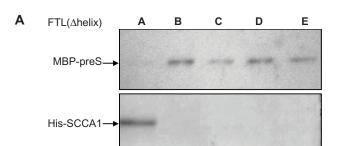


Figure I (A) Western blot of preS-pulldowned proteins; (B) Western blot of SCCAIpulldowned proteins; (C) Western blot of FTL-pulldowned proteins. For A, MBP-preS was pre-incubated with either GST-FTL or GST before mixing with amylose beads; for B, MBP-SCCAI was pre-incubated with either GST-FTL or GST before mixing with amylose beads; for C, HA-tagged preS and SCCAI were coexpressed with His-tagged FTL protein in HepG2 cells before immunoprecipitation by anti-His-tag antibody. Abbreviations: MBP, maltose binding protein; GST, glutathione-S-transferase; FTL, ferritin light chain; SCCA1, squamous cell carcinoma antigen 1.



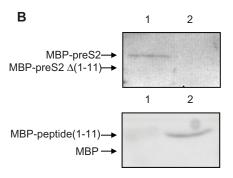


Figure 2 (A) Determination of regions on FTL for interaction with preS and SCCA1. GST-tagged FTL deletion mutant proteins, each with deletion of one of the five α-helices (A to E), were allowed to bind to MBP-preS and His-SCCAI, and absorbed with Gutathione Sepharose™ beads (GE Healthcare, Giles, UK). Proteins absorbed on Glutathione Sepharose™ beads were subjected to Western blotting with anti-MBP antibody (detecting MBP-preS, upper), or with His-tag antisera (detecting His-SCCA1, lower). (B) Verification of FTL-binding activity of N-terminal I-II amino acids of preS2. For the upper, pulldown assay was done by mixing GST-FTL with MBP-preS2 (lane I) or MBP-preS2 (I-II) (deletion of N-terminal I-II amino acids of preS2, lane 2), and the proteins recovered by Glutathione Sepharose™ beads were subjected to Western blot with anti-MBP antibody. In the lower, pulldown assay was done by mixing GST-FTL with MBP (lane I) or MBP-peptide (I-II) (MBP with the peptide of 11 amino acids from N-terminus of preS2, lane2), and the proteins recovered by Glutathione Sepharose™ beads were subjected to Western blot with anti-MBP antibody.

Abbreviations: FTL, ferritin light chain; MBP, maltose binding protein; SCCAI, squamous cell carcinoma antigen 1; GST, glutathione-S-transferase.

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