Electronic Supplementary Material (ESI) for Metallomics.

Supplemental Figure S1

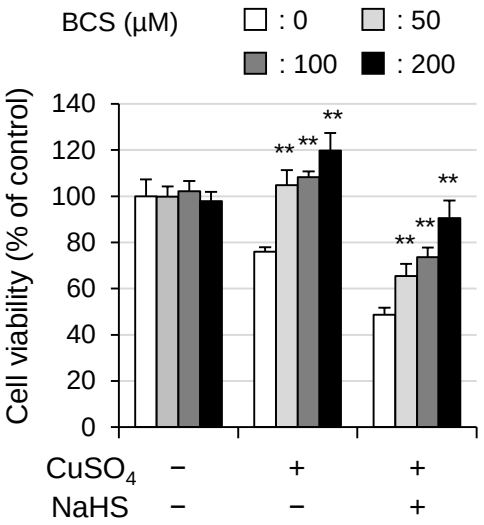

Figure S1. Effects of Cu chelator on Cu/NaHS-induced cell injury (BCS dose-dependency). SH-SY5Y cells were treated with $CuSO_4$ (200 μM) and/or NaHS (200 μM) in the presence or absence of the Cu chelator BCS. Twenty hours later, cell viability was measured using the MTT assay. The results are shown as means ± SD (n = 4). ** P<0.01 (vs. BCS 0 μM).

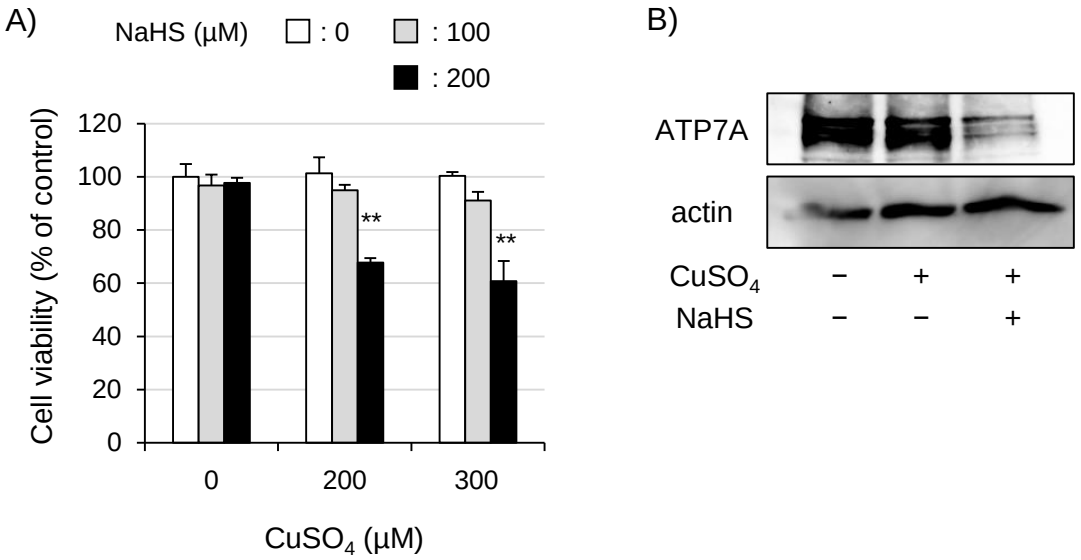

Figure S2. A) Enhancing effects of NaHS on Cu cytotoxicity in human breast cancer MDA-MB-231 cells. Cells were treated with the indicated concentrations of $CuSO_4$ and/or NaHS for 20 h. Cell viability was measured using the MTT assay. The results are shown as means ± SD (n = 4). ** P<0.01 (vs. $CuSO_4$ alone). B) Effects of Cu/NaHS treatment on ATP7A protein expression. MDA-MB-231 cells were treated with $CuSO_4$ (200 μM) and/or NaHS (200 μM) for 12 h in 1% FCS DMEM. After treatment, whole cell extracts were prepared from the treated cells, and then subjected to Western blot analysis.