## CORRIGENDUM

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### LSD1 negatively regulates autophagy through the mTOR signaling pathway in ovarian cancer cells

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Subsequently to the publication of the article, the authors have realized that the bar chart that accompanied Fig. 4C, indicating the quantification of the western blotting data in this figure part, was published in the absence of either of the axes labels. The authors apologize for this oversight, and a corrected version of Fig. 4, which incorporates the missing labels, is shown opposite.

The omission of these axes labels did not have an impact on the overall meaning of the paper. The authors regret that an incomplete version of Fig. 4 appeared in the printed version of the paper, and apologize to the readership for any inconvenience caused.



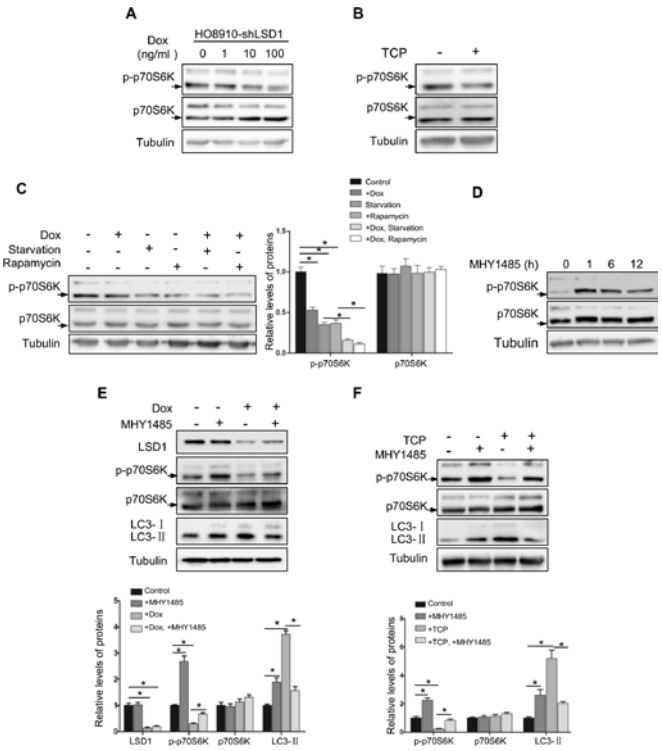


Figure 4. LSD1 regulates autophagy through the mTOR signaling pathway. (A) The HO8910-shLSD1 cells were treated with different doses of Dox for 48 h. Phosphorylated p70S6K (p-p70S6K; Thr389) and total p70S6K were probed by western blotting. (B) HO8910 cells were treated with 100 μM TCP for 24 h, and phosphorylated p70S6K (p-p70S6K; Thr389) and total p70S6K were probed by western blotting. (C) HO8910-shLSD1 cells were incubated in medium without serum for 16 h or 50 nM rapamycin for 12 h followed by treatment with or without 100 ng/ml Dox for 48 h and the proteins of interest were detected by western blotting. *P<0.05. (D) The HO8910-shLSD1 cells were treated with 10 μM mTOR specific activator MHY1485 for the indicated time-points. The expression of p-p70S6K and p70S6K was detected via western blot analysis. (E) The HO8910-shLSD1 cells were pretreated with 10 μM MHY1485 for 1 h prior to the addition of Dox and the proteins of interest were detected via western blotting. *P<0.05. (F) The HO8910 cells were pretreated with 10 μM MHY1485 for 1 h prior to the addition of TCP and the proteins of interest were detected via western blotting. *P<0.05. α-tubulin, loading control. Data shown are representative of three independent experiments.