Reviewer's report

Title: ZFP36 stabilizes RIP1 via degradation of XIAP and cIAP2 thereby promoting Ripoptosome assembly

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Reviewer: Ian Lorimer

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Major Compulsory Revisions

1. In Figure 1, there are no error bars for the bar graphs, and it appears that these experiments were only done once. It is therefore hard to know the significance of the findings. There are similar concerns with the other figures.

2. The interpretation of the data in Figures 1 and 2 is based on experiments which (it appears) involve high level overexpression of ZFP36. A second approach is needed to confirm that these findings aren't an artifact of overexpression.

3. The authors state that changes in Rip1 levels are due to stabilization/destabilization, but don't show data to support this.

4. There are insufficient controls in the shRNA experiment in Figure 3 to confirm that the effects seen are not off-target. Effects on cell death need to shown for these cells.

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests