

RETRACTION NOTE

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Retraction Note: Protocatechuic aldehyde from *Salvia miltiorrhiza* exhibits an anti-inflammatory effect through inhibiting MAPK signalling pathway

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The Editor has retracted this article. After publication, concerns were raised regarding the western blot images. Specifically:

In Fig. 6, the blots representing p38 and p-p38 appear highly similar.

In the Supplementary materials, the raw data provided for the blots presented in Figs. 5 and 6 appear to contain straight-line breaks and repetitive patterns in the backgrounds.

Additionally, there appear to be irregularities in the chromatogram traces presented in Fig. 1.

The authors have provided a replacement blot for p38 and stated that the image irregularities were caused by technical problems. However, further raw data provided by the authors appear different from the published versions of the figures and Supplementary materials. The Editor therefore no longer has confidence in the presented data.

Shuang Wu has stated on behalf of all co-authors that they agree to this retraction.

The original article can be found online at <https://doi.org/10.1186/s12906-020-03090-4>

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