

## Supplementary Data

### ***Ageratina adenophora* induce mice hepatotoxicity via ROS-NLRP3-mediated pyroptosis**

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**Table S1.** The primers sequences used for qRT-PCR

Items	Sense sequence	Antisense sequence	Product size
IL-1 $\beta$	TCGCAGCAGCACATCAACAAGAG	TGTCATGTCCTCATCTGGAAGG	118
GSDMD	ACTGAGGTCCACAGCCAAGAGG	GCCACTCGGAATGCCAGGATG	140
Caspase-1	ACAACCACTCGTACACGTCTTGC	CCAGATCCTCCAGCAGCAACTTC	118
NF- $\kappa$ B	ATCCACCTACCCGGCCTCATC	TTCGCTGGCTAATGGCTTGCTC	162
NLRP3	GAGCTGGACCTCAGTGACAATGC	ACCAATGCGAGATCCTGACAACAC	146
$\beta$ -actin	CCTAGGCACCAGGGTGTGAT	TCCATGTCGTCCCAGTTGGT	137

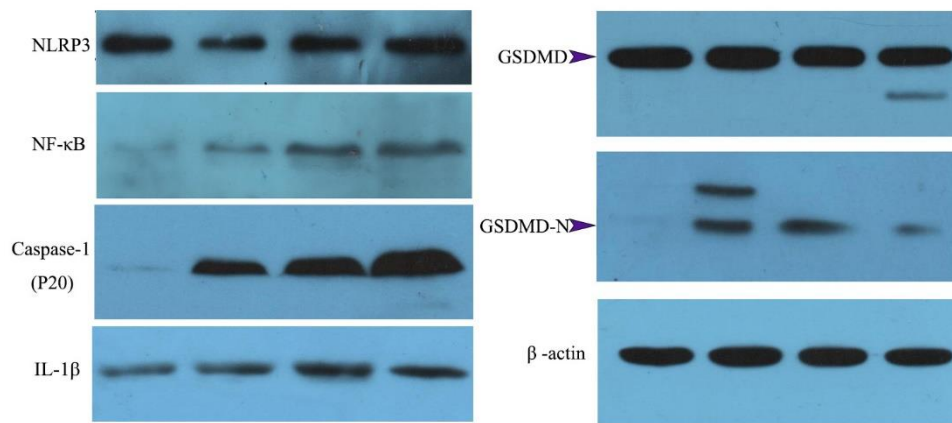


Figure-S1. Blots used for Figure 5a. All images were converted into 8-bit type by using ImageJ software. The exposure time of all images were range from 1 to 3 min. NLRP3 (114 kD), NF-κB (60 kD) and IL-1 β (17 kD) in panel I, II and VI were cropped from the same gel with exposure time of 2 mins. Caspase-1 p20 (45 kD), GSDMD (55 kD), GSDMD-N (35 kD) and β-actin (43 kD) were grouped in panel III, IV, V and VII, respectively.