

SUPPORTING INFORMATION

Prevention and underlying mechanism of *Rhus chinensis* Mill. fruits on dextran sulphate sodium-induced ulcerative colitis in mice

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Fig. S1 The chromatograms of ethanol extract of *Rhus chinensis* Mill. fruits.

Peaks identification and their MS data are shown in Table S1. The base peak

chromatogram is shown in Fig. A and the extracted ion chromatogram is shown

in Fig. B-G.

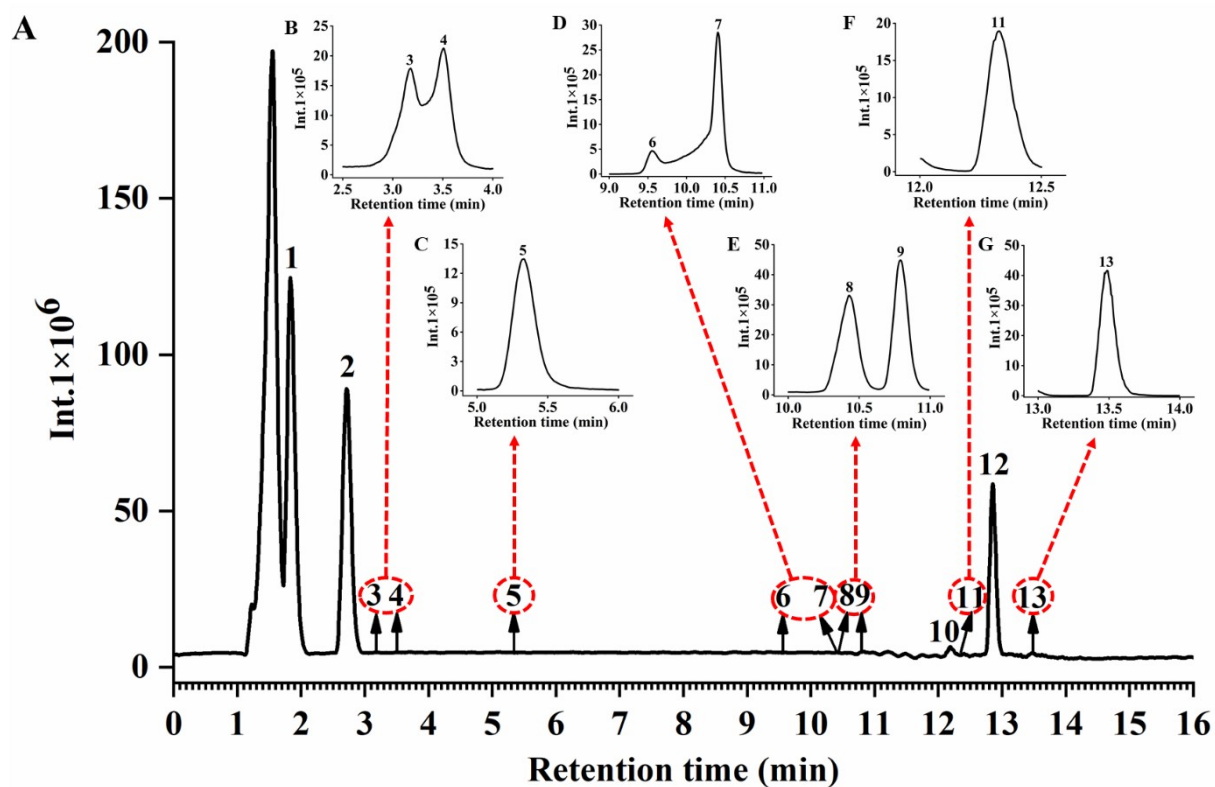
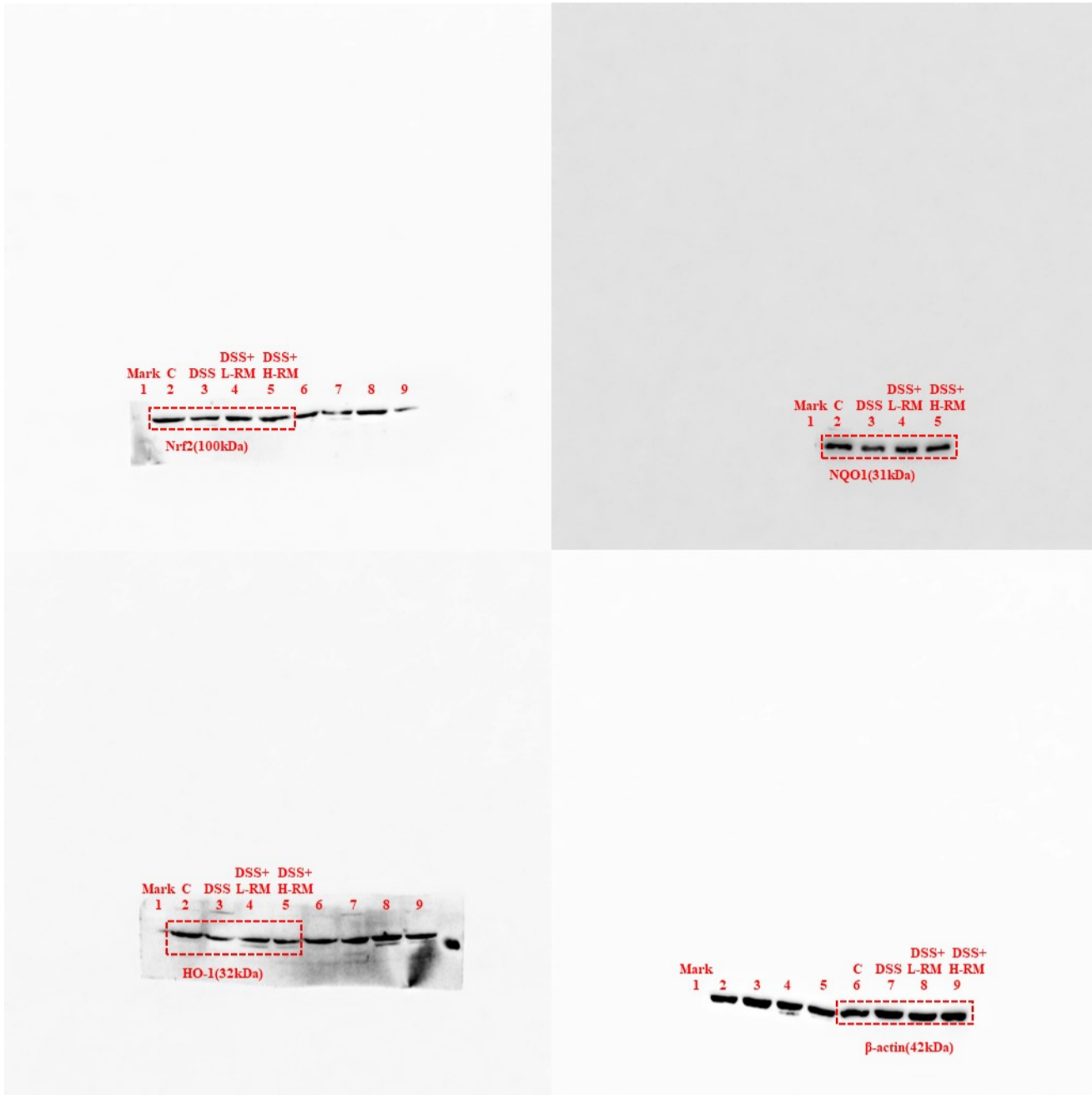


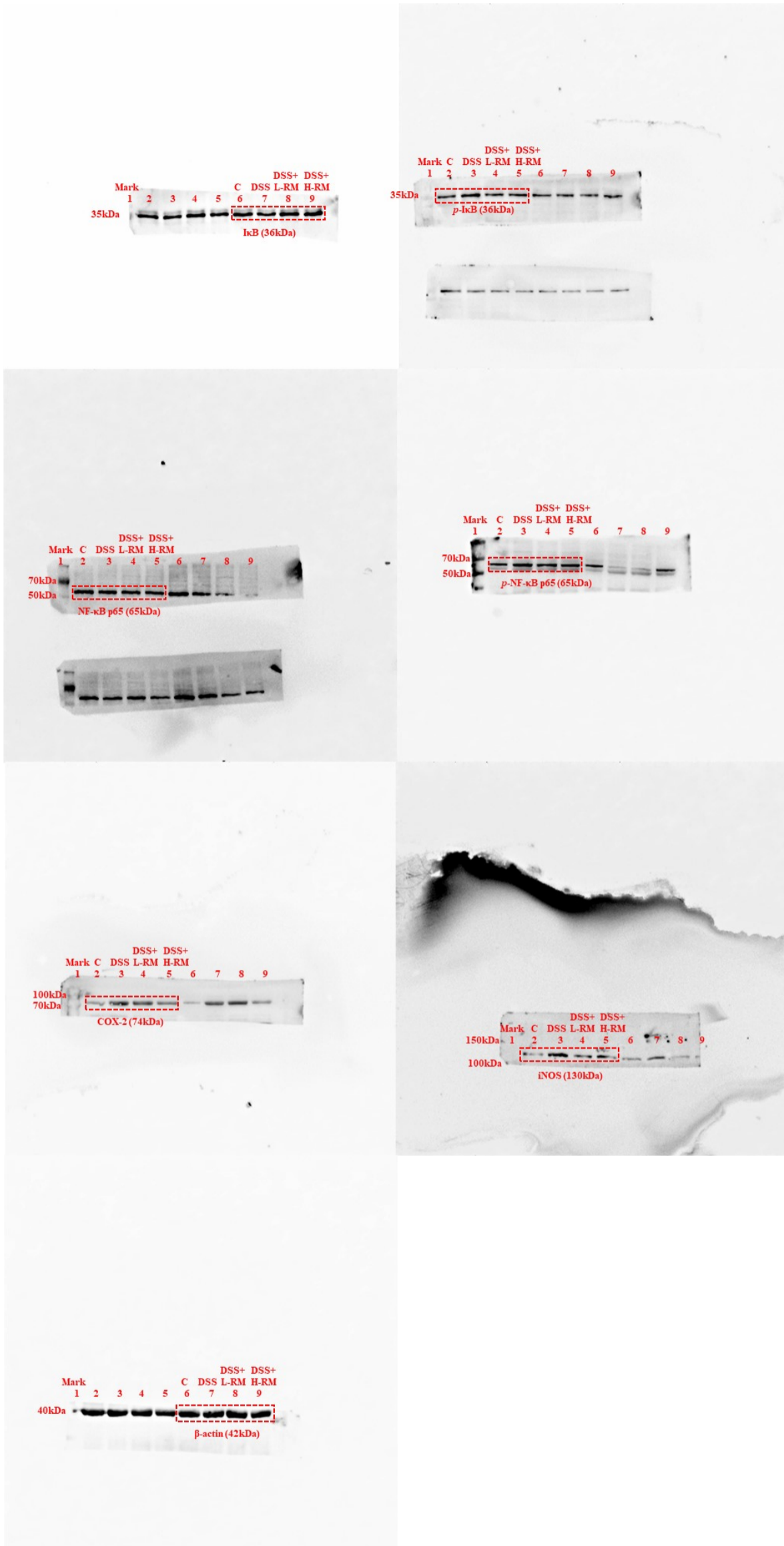
Table S1 Phenolic compounds identified in *Rhus chinensis* Mill. fruits by UHPLC-ESI-HRMS/MS in negative mode.

Peak No.	Compounds	Molecular formula	Retention time (min)	[M-H] ⁻ (<i>m/z</i>)	MS/MS ion fragments
1	Citric acid	C ₆ H ₈ O ₇	1.83	191.0188	57.0332(64.43), 87.0074(100), 111.0075(49.46)
2	Gallic acid	C ₇ H ₆ O ₅	2.72	169.0132	69.0331(100), 97.0281(37.62), 125.0230(32.21)
3	Di- <i>O</i> -galloyl-glucoside I	C ₂₀ H ₂₀ O ₁₄	3.18	483.0780	125.0231(25.56), 169.0132(100), 331.0675(4.53)
4	Di- <i>O</i> -galloyl-glucoside II	C ₂₀ H ₂₀ O ₁₄	3.51	483.0780	125.0231(22.51), 169.0132(100), 331.0674(5.52)
5	Protocatechuic acid	C ₇ H ₆ O ₄	5.33	153.0182	108.0203 (100), 109.0286 (40.74)
6	Digallic acid I	C ₁₄ H ₉ O ₉	9.55	321.0250	125.0231 (100), 169.0132(30.57)
7	Digallic acid II	C ₁₄ H ₁₀ O ₉	10.40	321.0251	125.0231 (100), 169.0132 (29.67)
8	Trigalloylglucose I	C ₂₇ H ₂₄ O ₁₈	10.43	635.0894	169.0132(100), 483.0777(29.91), 635.0892(5.90)
9	Trigalloylglucose II	C ₂₇ H ₂₄ O ₁₈	10.79	635.0894	169.0132(100), 483.0772(22.61), 635.0893(13.11)
10	Myricetin-3- <i>O</i> -rhamnoside	C ₂₁ H ₂₀ O ₁₂	12.19	463.0881	271.0245(28.19), 300.0273(100), 316.0221(40.44)
11	Luteolin-7- <i>O</i> -glucoside	C ₂₁ H ₂₀ O ₁₁	12.33	447.0931	284.0325(51.13), 285.0402(100)
12	Quercetin-3- <i>O</i> -rhamnoside	C ₂₁ H ₂₀ O ₁₁	12.85	447.0930	300.0274(100),301.0341(53.33)
13	Kaempferol-3- <i>O</i> -hexoside	C ₂₁ H ₂₀ O ₁₀	13.49	431.0983	255.0295(79.61), 284.0325(100),285.0398 (86.51)

Raw images of western blot in Figure 6



Raw images of western blot in Figure 7



Raw images of western blot in Figure 8

