

Supporting information

Table S1. Antibodies used in this study.

Company	Description	Catalogue number
Bioss	Rabbit IL-1 beta antibody	bs-0812R
Gentex	Rabbit TNF-alpha antibody	GTX110520
Affinity	Rabbit caspase-1 antibody	AF5418
CUSABIO	Rabbit XOD antibody	CSB-PA026189GA01HU
Cell Signaling Technology (Boston, MA, USA)	rabbit GAPDH antibody #8884	2118
Epitomics, Inc. (Hangzhou, P.R. China)	goat anti-rabbit IgG HRP 3056-1	sc-2004

Table S2. Sequences of primers for qRT-PCR (all mouse).

Description	forward primers (5'→3')	reverse primers (5'→3')
XOD	TAGAAGAAAGTTGGGGCTGTGCGG	AGGAGCAGATGGGGGTCAAGCAG
Caspase-1	CTTGAGACATCCTGTCAGGG	AGTCACAACACCAGGCATATT
IL-1 β	TCTTCTTTGGGTATTGCTTGG	TGTAATGAAAGACGGCACACC
TNF- α	GAGGCCATTTGGGAACTTCT	TGCCTATGTCTCAGCCTCTTC
IL-6	AGCCAGAGTCCTTCAGAG	CCACTCCTTCTGTGACTC
IL-8	CGGCAATGAAGCTTCTGTAT	CCTTGAAACTCTTTCCTCA
IL-10	GTTGTCCAGCTGGTCCTTTG	CAGCCGGGAAGACAATAACT
IL-18	ATGCTTTCTGGACTCCTGCC	ATTGTTCTGGGCCAAGAGG
ABCG2	TAAATGGAGCACCTCAACCT	GAGATGCCACGGATAAACTG
GLUT9	GAGATGCTCATTGTGGGACG	GTGCTACTTCGTCCTCGGT
OAT1	GCCTATGTGGGCACCTTGAT	CTTGTTCCCGTTGATGCGG
OAT3	AAGAACATCTCTGTGAGGGTG	GGCAAGATGAACAAAACTGG
OCT1	ACATCCATGTTGCTCTTTCG	TTGCTCCATTATCCTTACCG
OCT2	ACAGGTTTGGGCGGAAGT	CACCAGAAATAGAGCAGGAAG
OCTN1	AGGAGAGGTGGAAACATGCG	TCCTTCGTCTCCAAGGGGAT
OCTN2	CTTATTCCCATACGGGCGCT	TTTCTGAGGCACCTGTCGTC
OIT3	GCGCCATTGAAGTGAGTGTC	CAGGTTGGGCACGTATCCTT
URAT1	GCTACCAGAATCGGCACGCT	CACCGGGAAGTCCACAATCC
GAPDH	GTGAAGGTCGGTGTGAACGG	GTGATGGCATGGACTGTGGTC

Table S3. Effects of ACNs on animal characteristics of ICR mice.

Group	normal control group	model control group	API 5 mg/kg	ACNs 400 mg/kg	ACNs 800 mg/kg
initial body weight (g)	22.49±1.31	23.06±1.96	23.56±1.38	21.81±1.75	22.88±2.48
final body weight (g)	28.46±1.24	30.54±1.88	29.20±2.59	29.31±1.33	28.98±2.80
liver weight (g)	1.54±0.18	1.73±0.18	1.52±0.28	1.54±0.14	1.41±0.33
liver-to-body weight ratio (%)	5.42±0.69	5.66±0.33	5.16±0.59	5.24±0.29	4.86±1.11
kidney weight (g)	0.51±0.14	0.47±0.06	0.46±0.15	0.43±0.04	0.42±0.05
kidney-to-body weight ratio (%)	1.79±0.50	1.52±0.16	1.62±0.50	1.46±0.15	1.46±0.27

Table S3 All values are the mean ± SEM, n = 8. Statistical analysis of the data for multiple comparisons was performed by one-way ANOVA followed by the LSD test. The symbols indicate the level of significance (*p<0.05, **p<0.01, and ***p<0.001 compared with normal control group. #p<0.05, ##p<0.01, and ###p<0.001 compared with model control group.)