

Figure S1. Body weight and renalase mRNA expression on NASH model mice. (A) Body weight between WT and KO fed ND or CDAHFD during 6 weeks. (B) Renalase mRNA expression. Data are shown as mean $\pm$ SD. Data were analyzed using two way ANOVA. [#]P<0.05 vs. WT-ND 6 weeks; ^{\$}P<0.05 vs. KO-ND 6 weeks, respectively. WT, wild type; KO, renalase knock out; NASH, nonalcoholic steatohepatitis; CDAHFD, choline-deficient high-fat diet; ND, normal diet.

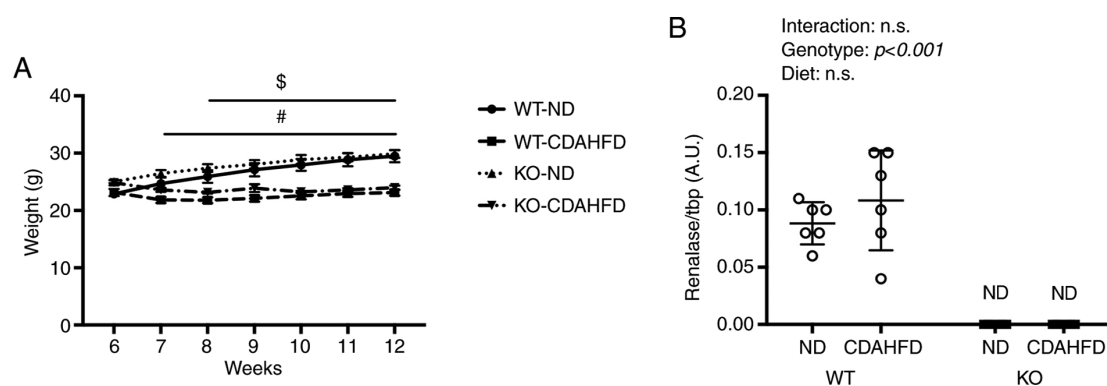


Table SI. Lists of antibodies used in western blot analysis.

Protein	Cat. no.	Lot no.	Corp.	Species	Dilution
p-Akt (S473)	4060S	23	CST	Rabbit	1:1,000
Akt	4691S	20	CST	Rabbit	1:1,000
p-p70S6K (T389)	9205S	12	CST	Rabbit	1:1,000
p70S6K	9202S	14	CST	Rabbit	1:1,000
p-AMPK	2535S	21	CST	Rabbit	1:1,000
AMPK	5831S	6	CST	Rabbit	1:1,000
p62/SQSTM1	PM045	015	MBL	Rabbit	1:1,000
α -SMA	19245T	3	CST	Rabbit	1:1,000
GAPDH	sc-32233	K0618	Santa	Mouse	1:1,000
Anti-mouse	7076S	34	CST	Mouse	1:5,000
Anti-rabbit	7074S	28	CST	Rabbit	1:5,000

p70S6K, p70S6 kinase; p62/SQSTM1, p62/sequestosome 1; α -SMA, α -smooth muscle actin.

Table SII. Primer sequences used in RT-qPCR.

Primer	Forward (5'-3')	Reverse (5'-3')
Tbp	CAGCCAAGATTCACGGTAGAT	CCAATGACTCCTATGACCCCTA
TNF- α	TTGAGATCCATGCCGTTG	CTGTAGCCCACGTCGTAGC
IL-1 β	CAGGCAGGCAGTATCACTCA	GTCACAGAGGATGGGCTCTT
Adgre1	GAACAAAAGTGCCCCAGTGT	CCTTGCTGAGCTCAAACCAT
Sod2	GTAGTAAGCGTGCTCCACAC	TGCTCTAATCAGGACCCATTG
Catalase	CAAGTTTTTGATGCCCTGGT	CCTTCAAGTTGGTTAATGCAGA
Gpx	CAGGTCGGACGTACTTGAGG	GTTTCCCGTGCAATCAGTTC
Gclc	CAAAGGCTTCTCAGCCAGAC	TGCAGGCTTGGAATGTCAC
Gsta4	ACTTTCGCTCGCAGAACC	TCCTGCTTCAGAGCTTCCTT
Gstm6	TGCTACAGCGCTGACTTTGA	CCCAGGAACTCCGAGTAGAGT
TGF- β 1	GCAACATGTGGAACCTACCAG	CAGCCACTCAGGCGTATCA
Col1a1	ACCTAAGGGTACCGCTGGA	TCCAGCTTCTCCATCTTTGC
Acta2	TAACCCTTCAGCGTTCAGC	ACATAGCTGGAGCAGCGTCT
Renalase	GGGTGGGGATATAGGGGGAAG	GGTGATGTACTGAGCTCCCA

Tbp, TATA-binding protein; TNF- α , tumor necrosis factor- α ; IL-1 β , interleukin-1 β ; Adgre1, adhesion G protein- coupled receptor E1; Sod2, superoxide dismutase 2; Gpx, glutathione peroxidase; Gclc, glutamate-cysteine ligase catalytic subunit; Gsta4, glutathione S-transferase alpha 4; Gstm6, glutathione S-transferase mu 6; TGF- β 1, Transforming growth factor- β 1; Col1a1, collagen type I α 1 chain; Acta2, actin α 2.