

Fig. S1 IL17A/DEX synergistically induce LCN2 and SAA expression in human A549 cells. **A-B.** A549 were untreated (CTRL) or treated for 24 h with human IL17A (100 ng/mL), DEX (1 μ M), or both. The mRNA levels were analyzed by RT-PCR (n = 3 independent plates of cells). Data represent mean \pm SEM. One-way ANOVA was performed, followed by Tukey's multiple-comparisons test. *P < 0.05, **P < 0.01, ***P < 0.001 and ****P < 0.0001. **C-D.** mRNA decay assays of human LCN2 and SAA transcripts. A549 cells were pretreated with DEX for 4 h and then treated with actinomycin D either alone (CTRL) or in the presence of IL17A for 0, 30, 60, 90, and 120 min, then subjected to RT-PCR analysis. Remaining mRNA compared to time=0. Data represent means \pm SEM (n = 3 biological replicates).

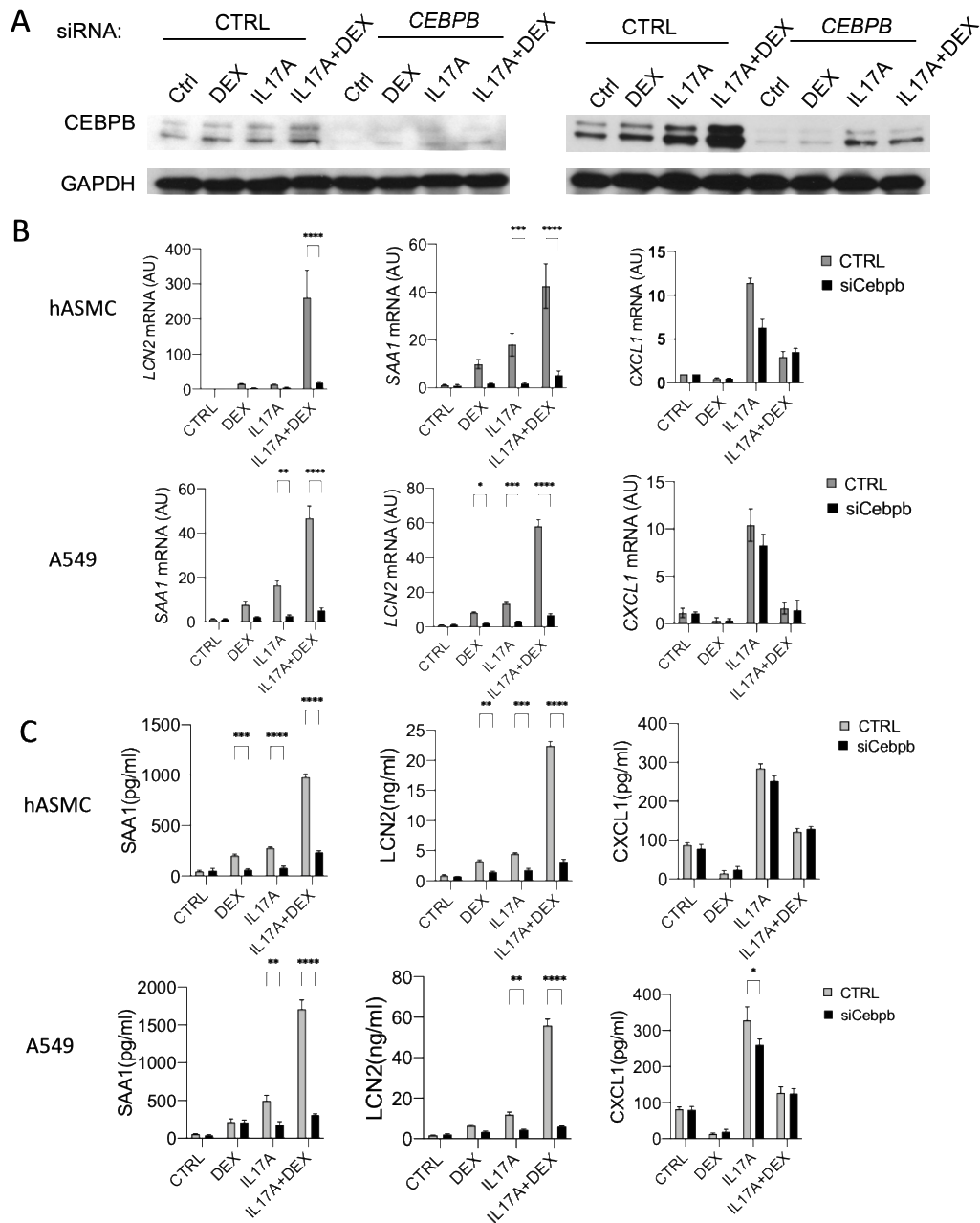


Fig. S2 siRNA targeting *CEBPB* mRNA efficiently reduces LCN2, and SAA1 in hASMCs, Beas 2b and A549 cells.

A. Western blot analysis of CEBPB in hASMCs(left) and A549 cells(right) transfected with pooled siRNAs targeting *CEBPB* or scrambled control and treated as indicated for 24 h. **B-C.** hASMCs and A549 cells were transfected with pooled siRNAs targeting *CEBPB* or scrambled control and treated as indicated for 24 h. The mRNA and protein levels were then analyzed by RT-PCR (**B**) and ELISA (**C**), respectively. Data represent mean \pm SEM. Statistical analysis was performed using two way ANOVA, followed by Šidák's multiple comparisons test. * $P < 0.05$, ** $P < 0.01$, and *** $P < 0.001$. All data are representative of 3 independent experiments.

Supplementary Table I. RT-PCR and CHIP-qPCR primers

Gene		Forward primer	Reverse primer
Human	<i>SAA1</i>	TTGGCGAGGCTTTTGATGGGG	AGGTCGGAAGTGATTGGGGT
	<i>LCN2</i>	GAAGTGTGACTACTGGATCAGGA	ACCACTCGGACGAGGTAAC
	<i>CXCL1</i>	GAAAGCTTGCCTCAATCCTG	CTTCCTCCTCCCTTCTGGTC
	<i>GAPDH</i>	GTCTCCTCTGACTTCAACAGCG	ACCACCCTGTTGCTGTAGCCAA
Mouse	<i>Il17a</i>	TTTAACTCCCTTGGCGCAAAA	CTTTCCTCCGCATTGACAC
	<i>Saa3</i>	CTGTTCAGAAGTTCACGGGAC	AGCAGGTCGGAAGTGGTT
	<i>Lcn2</i>	TGCCACTCCATCTTTCCTGTT	GGGAGTGCTGGCCAAATAAG
	<i>Cebpb</i>	TCGAACCCGCGGACTGCAAG	CGACGACGACGTGGACAGGC
	<i>Cxcl1</i>	TAGGGTGAGGACATGTGTGG	AAATGTCCAAGGGAAGCGT
	<i>Gapdh</i>	AGGTCGGTGTGAACGGATTTG	TGTAGACCATGTAGTTGAGGTCA

Gene	Forward	Reverse
RELA on <i>Lcn2</i>	CAGATCTGAGCTGCTGACCC	GTGCAAGGTTGAGCAACAGG
CEBPB on <i>Lcn2</i>	CCTGGGAATGTCCCTCTGGTC	TTGGCAAGATTTCTGTCCCTCT
NR3C1 on <i>Lcn2</i>	GAGAGGGACAGAAATCTTGCCA	GGTAGTCCATCCTTTACCAAGTC
RELA on <i>Saa3</i>	CAGAAAGTCCTAACTGGCCACA	GGAGCAATCCCTGTTTGATCT
CEBPB on <i>Saa3</i>	CAGAAAGTCCTAACTGGCCACA	GGAGCAATCCCTGTTTGATCT
NR3C1 on <i>Saa3</i>	GGAAATGCCTAGATGGCGCA	CCACTAATGGAGCAATCCCTGT
CEBPB on <i>Cebpb</i>	GCACCTGGAGAGTTCTGCTTC	GACCCCAACTCTTGGGAAAC
NR3C1 on <i>Cebpb</i>	GCACCTGGAGAGTTCTGCTTC	GACCCCAACTCTTGGGAAAC