



**Supplementary Figure 2.** The effect of cycloheximide (CHX), a protein synthesis inhibitor, on intracellular leptin (A) and resistin (B). **A. B.** Example western blots (top) and statistics (bottom: mean +/- SEM) from 3 independent experiments quantified by optical density of the blots. 3T3-L1 adipocyte culture was furnished with the fresh serum-free medium, without addition of chemicals (Con), or with 25  $\mu$ M CHX (w. CHX), or with stimulation (GPI or forskolin denoted as F), or with stimulation and 25  $\mu$ M CHX (GPI w. CHX or F w. CHX). After 2 h, the cells were collected and lysed for western blot. The PVDF membrane was incubated with the primary antibodies for 4-6 h. Student's *t*-test: \* $p$  < 0.05, \*\* $p$  < 0.01 and \*\*\* $p$  < 0.001 vs. Con.