

Supplemental Figure Legends

Figure S1 Blot images of Figure 1

Full-length blots used for Figure 1. The blot images in Figure 1 are enclosed with red dashed boxes. Molecular size marker on original blotting membrane are enclosed with black dashed boxes.

Figure S2 Role of cAMP-PKA-HSL signaling pathway in the bacterial growth of *C. pneumoniae* in murine adipocytes

The number of infectious EB progeny of 3T3-L1 adipocytes at 24 h after Cpn MOI 5 infection in the presence or absence of (A) KH7 (adenyl cyclase inhibitor, 50 μ M), (B) H89 (PKA inhibitor, 50 μ M) or (C) DMSO 1% was determined using an inclusion forming unit (IFU) assay. $n = 3$ per group, * $p < 0.05$, ** $p < 0.01$, one-way ANOVA. Data are shown as the mean \pm SEM and are representative of at least three experiments.

Figure S3 Blot images of Figure 5

Full-length blots used for Figure 5. The blot images in Figure 5 are enclosed with red dashed boxes. Molecular size marker on original blotting membrane are enclosed with black dashed boxes.

Figure S4 *S. aureus* or *L. monocytogenes* dose not induce the secretion of FABP4 from murine adipocytes.

Secretion of FABP4 in cultured medium of 3T3-L1 adipocytes at 6 h after treatment with heat-killed *Staphylococcus aureus* and infection with *Listeria monocytogenes* was measured by ELISA. LDH assay using the supernatants was performed. As positive control, cells were lysed with 2% Trion X-100 containing culture medium. Data are shown as the mean \pm SEM and are representative of at least three experiments.

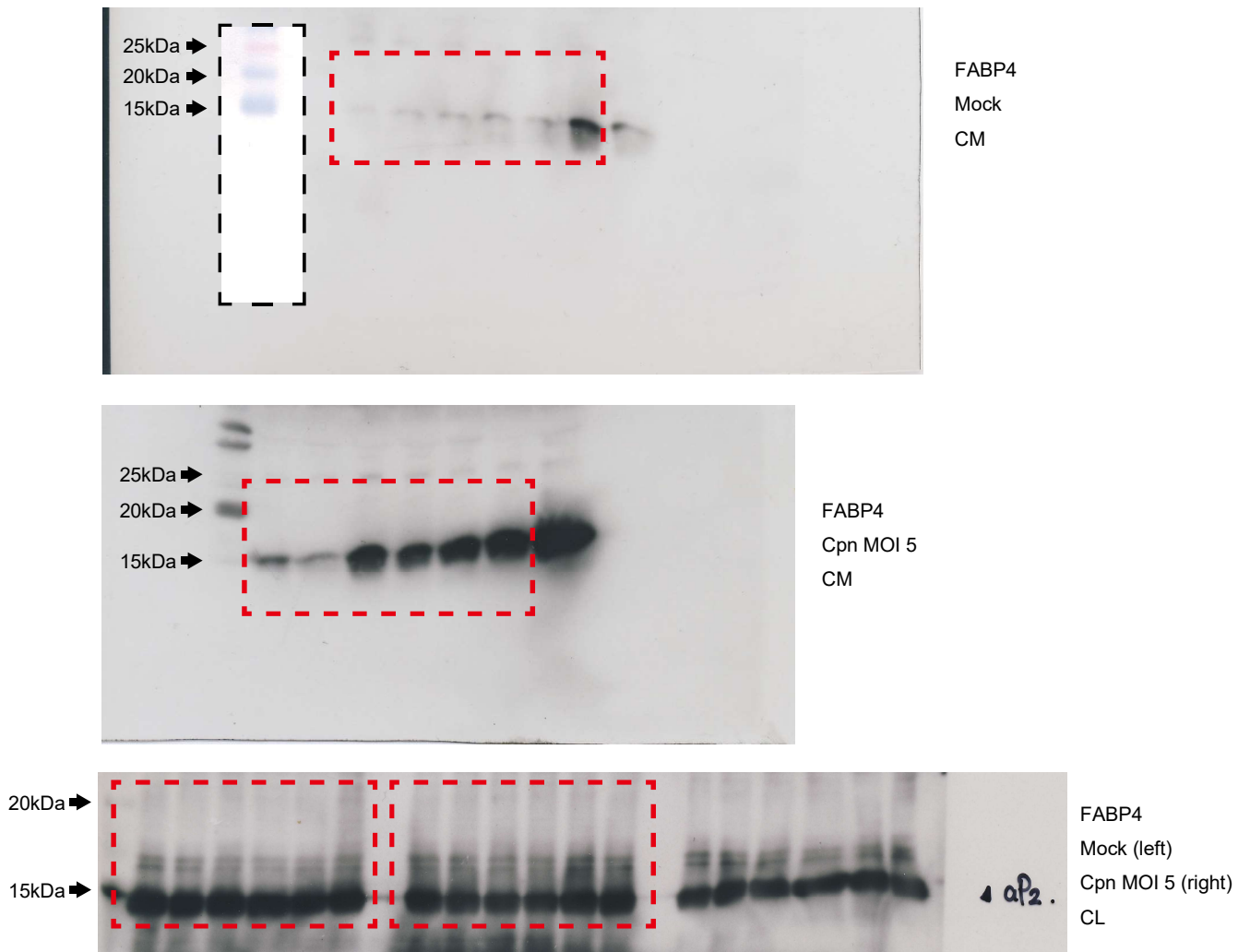


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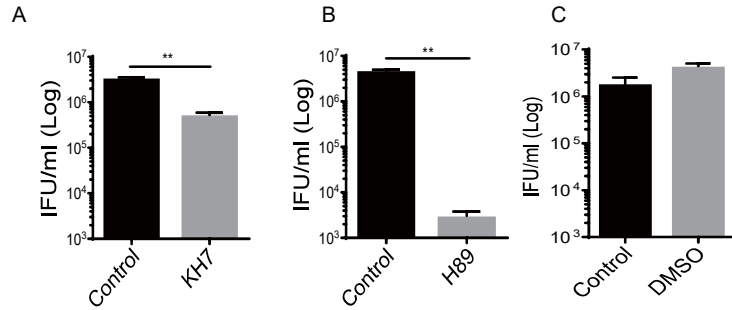


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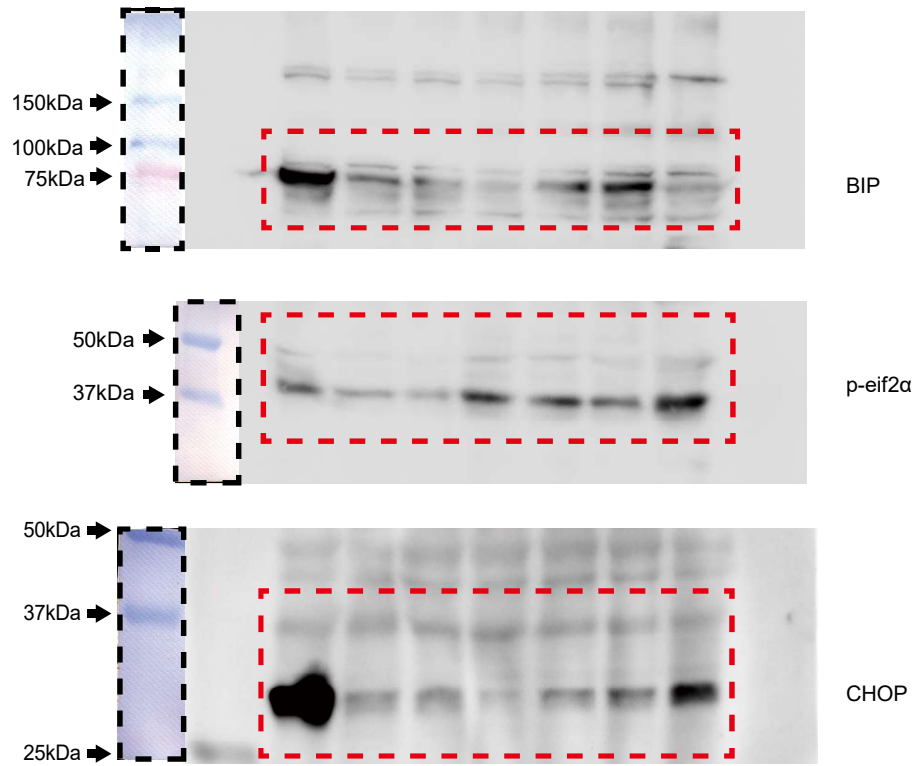


Figure S3 Blot images of Figure 5

Full-length blots used for Figure 5. The blot images in Figure 5 are enclosed with red dashed boxes. Molecular size marker on original blotting membrane are enclosed with black dashed boxes.

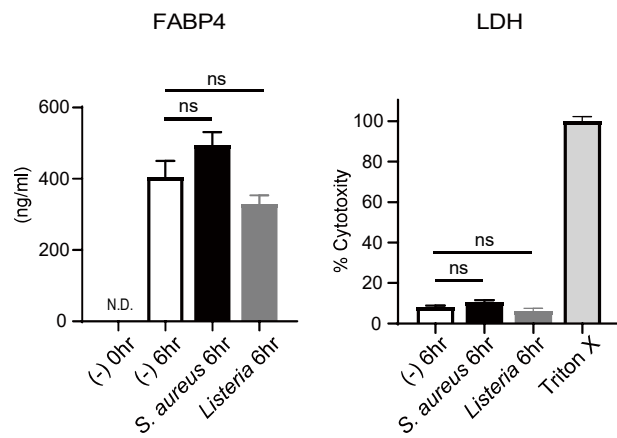


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