Resistin, a fat-derived secretory factor, promotes metastasis of MDA-MB-231 human breast cancer cells through ERM activation

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Running title: Resistin promotes metastasis via ERM activation

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Supplementary Fig. 1A. Resistin increases the phosphorylation of Src in MCF-7 breast cancer cells.

MCF-7 cells were treated with different doses of resistin and cultured for 1 h. The cell lysates (30 μg) were analyzed by western blotting using an antibody against phospho-Src, while Src served as a control.

Supplementary Fig. 1B. Resistin increases the phosphorylation of PP2A in MCF-7 breast cancer cells.

MCF-7 cells were treated with different doses of resistin and cultured for 1 h. The cell lysates (30 μg) were analyzed by western blotting using an antibody against phospho-PP2A, while PP2A served as a control.

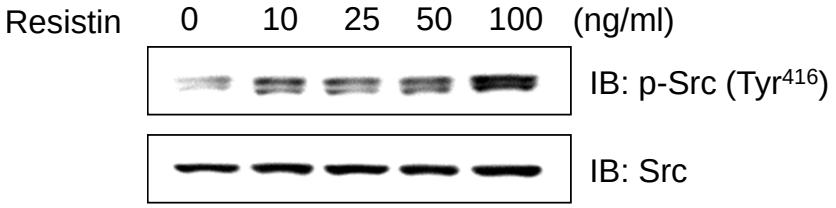
Supplementary Fig. 1C. Resistin increases the phosphorylation of PKCα in MCF-7 human breast cancer cells.

MCF-7 cells were treated with different doses of resistin and cultured for 1 h. The cell lysates (30 μg) were analyzed by western blotting using an antibody against phospho-PKCα, while PKCα served as a control.

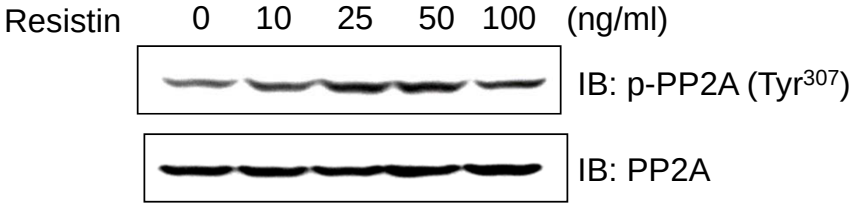
Supplementary Fig. 1D. Resistin increases the phosphorylation of ERM in MCF-7 breast cancer cells.

MCF-7 cells were treated with different doses of resistin and cultured for 1 h. The cell lysates (30 μg) were analyzed by western blotting using an antibody against phospho-ERM, while ERM served as a control.

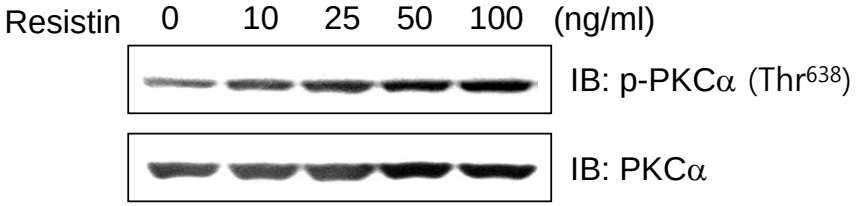
Supplementary Fig.1A . Resistin increases the phosphorylation of Src in MCF-7 breast cancer cells.



Supplementary Fig.1B . Resistin increases the phosphorylation of PP2A in MCF-7 breast cancer cells.



Supplementary Fig.1C . Resistin increases the phosphorylation of PKCα in MCF-7 breast cancer cells.



Supplementary Fig.1D . Resistin increases the phosphorylation of ERM in MCF-7 breast cancer cells.