The effect of local delivery of adiponectin from biodegradable microsphere-scaffold composite on new bone formation in adiponectin knockout mice

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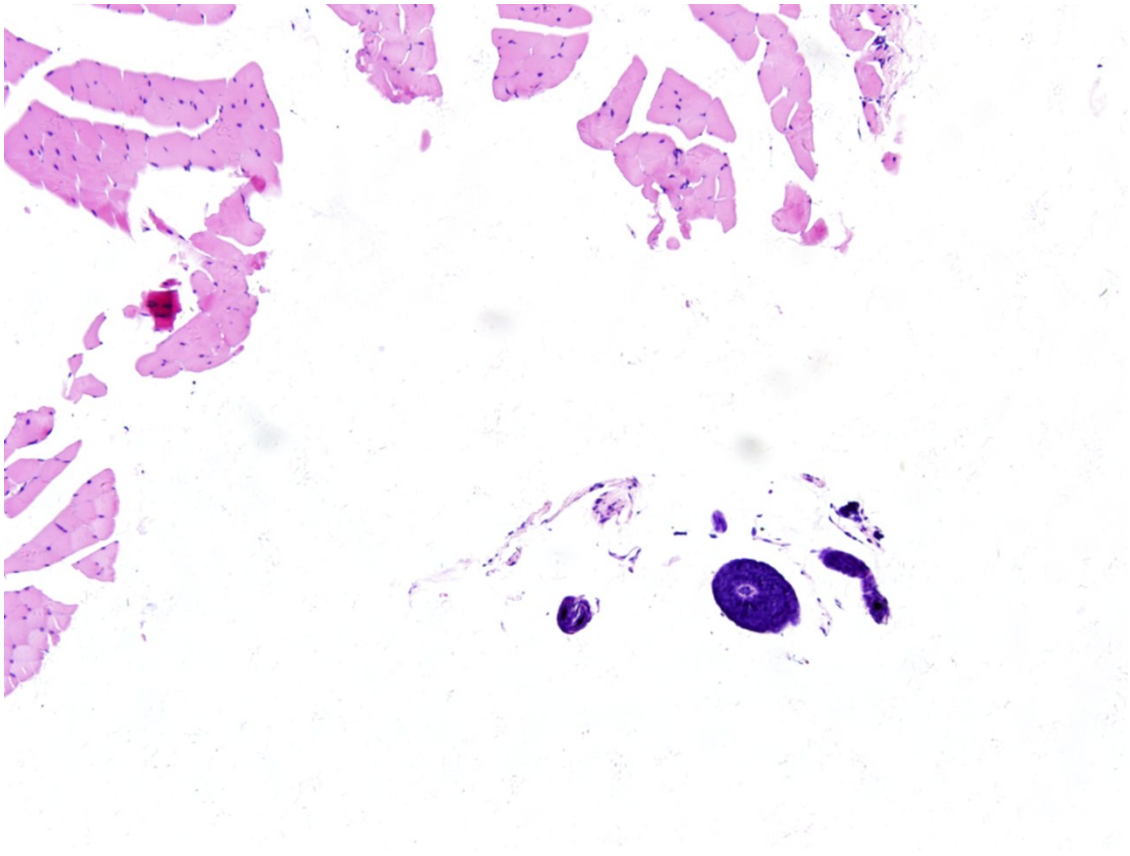
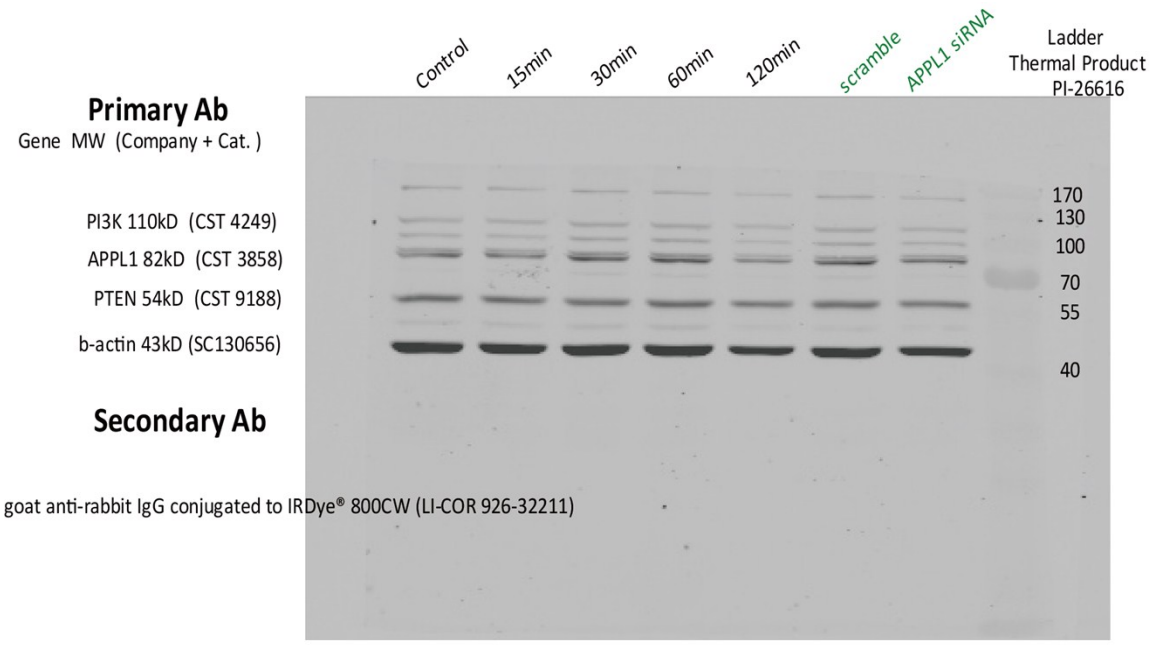
Supplementary data 1.



Supplementary data 2.



The image was scanned by Odyssey® Infrared Imaging System

Supplementary data 3.

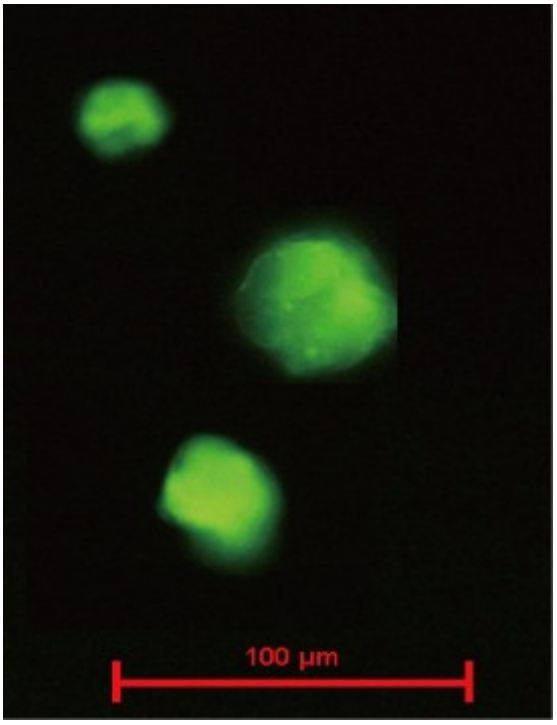


Figure Legends

Supplementary data 1. The full-length pictures of the mucle tissues dye by H&E in the Figure 2.

Supplementary data 2. The gels had been run under the same experimental conditions and the full-length gels and blots were provided.

Supplementary data 3. Fluorescence-labeled protein encapsulation assay. To verify encapsulation of protein into CM particle, fluorescein isothiocyanate-conjugated bovine serum albumin (FITC-BSA)-loaded chitosan particles were prepared by a similar procedure as shown in the article. Fluorescence detection was performed with the confocal laser scanning fluorescence microscope at 520nm. Fluorescent CM particles were observed under microscope, indicating FITC-BSA was successfully loaded. Therefore, bioactive protein incorporated chitosan particle was confirmed.