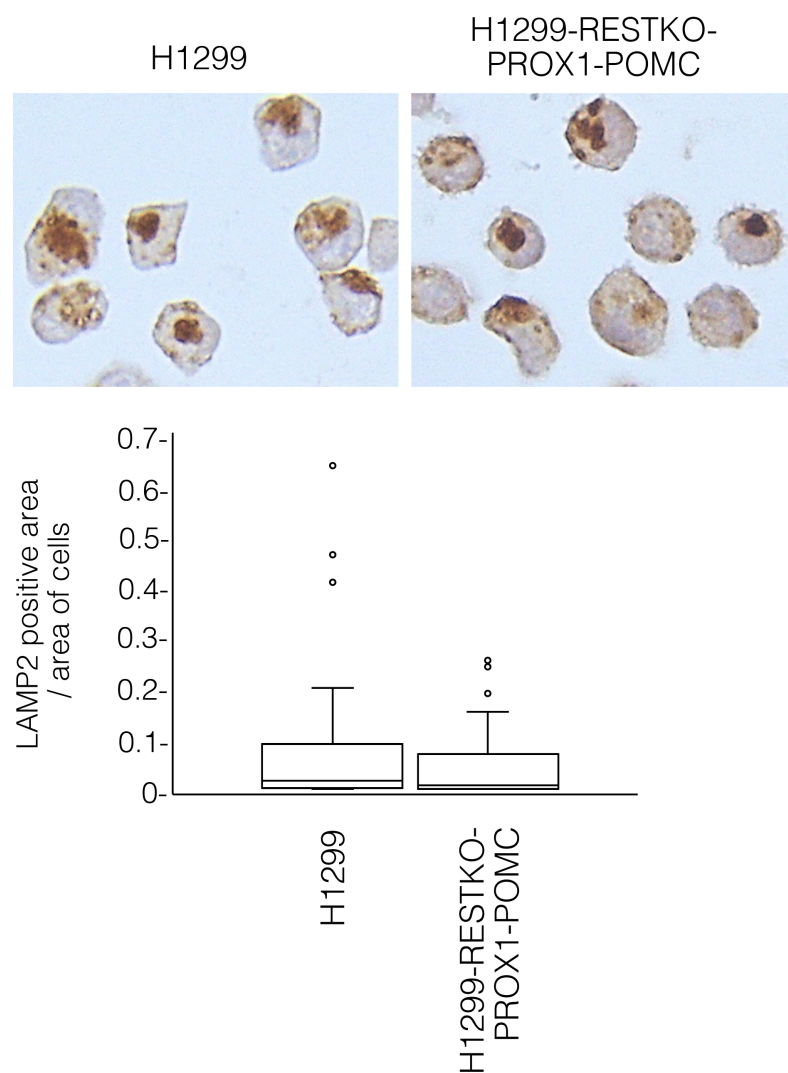


Online Resource 3

Expression of a lysosome marker (lysosome-associated membrane protein 2, LAMP2) in the H1299 and H1299-RESTKO-PROX1-POMC cells

(Top) Immunocytochemical analysis of lysosome-associated membrane protein 2 (LAMP2, 1:1000, GTX103214, GeneTex) in the H1299 cells and the REST-deficient PROX1- and POMC-transfected H1299 cells (H1299-RESTKO-PROX1-POMC).

(Bottom) Quantitative analysis of LAMP2 signals in the H1299 and H1299-RESTKO-PROX1-POMC cells by using ImageJ software. Signals indicating LAMP2 were detected in both cell lines but tended to be lower in the H1299-RESTKO-PROX1-POMC cells.



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