Mol. Cells 2019; 321-332: https://doi.org/10.14348/molcells.2019.2441

Up-regulation of Insulin-like Growth Factor Binding Protein-3 Is Associated with Brain Metastasis in Lung Adenocarcinoma

Lishi Yang^{1,3}, Junyang Li^{1,3}, Shaozhi Fu¹, Peirong Ren¹, Juan Tang¹, Na Wang¹, Xiangxiang Shi¹, Jingbo Wu¹, and Sheng Lin^{1,2,*}

¹Department of Oncology, 2Nuclear Medicine and Molecular Imaging Key Laboratory of Sichuan Province, Affiliated Hospital of Southwest Medical University, Luzhou 646000, China *Correspondence: <u>linsheng@swmu.edu.cn</u>

³These authors contributed equally to this work.

Supplementary Data



Fig. S1. HA1800-CM up-regulated IGFBP3 expression in H1299 cells. (a) Wound healing of H1299 cells treated with H1299-CM and HA1800-CM at different time points. (b) Wound closure of H1299 cells treated with H1299-CM and HA1800-CM at different time points. (c) IGFBP3 mRNA expression was evaluated by qRT-PCR analysis. (d) IGFBP3 protein expression was detected by western blotting, and α -tubulin was used as the reference protein (left). The histograms represent the protein expression levels quantified by densitometry and normalized to α -tubulin (right). Data are presented as the mean \pm S.E.M. (*p < 0.05, **p < 0.01, ***p < 0.001)