Supplementary Data 1.

	KMH-2						IHH-4					
	24 h			48 h			24 h			48 h		
$Aloperine (\mu M)$	0	100	200	0	100	200	0	100	200	0	100	200
AMPKα1	1.52	1.08	0.46	-	0.94	0.41	1 20	1.15	0.82	1 12	0.58	0.24
p-AMPKα	1.52	1.00	0.40	-	0.34	0.41	1.23	1.15	0.02	-	0.50	0.21
	1.11	0.39	0.05	1.14	0.20	0.07	1.16	0.42	0.07	1.01	0.05	0.03
GAPDH	1.00	1.14	0.86	1.07	1.09	1.08	1.00	1.02	0.88	1.06	1.01	0.89

Supplementary Data. AMPK Signaling pathway modulation in human thyroid cancer cells following aloperine treatment. Cells were incubated with aloperine and the expression of AMPK and phospho-AMPK were examined. DMSO was used as a negative control. Numbers under the plots indicate the quantification of protein intensity after normalization with GAPDH. Two independent experiments were performed, and results of one of these are shown.