

AlphaLISA® SureFire® Ultra™

Human and Mouse LATS1 Total Detection Kit

Product number: ALSU-TLATS1-A500, ALSU-TLATS1-A10K,
ALSU-TLATS1-A50K, ALSU-TLATS1-A-HV



Kit specificity:

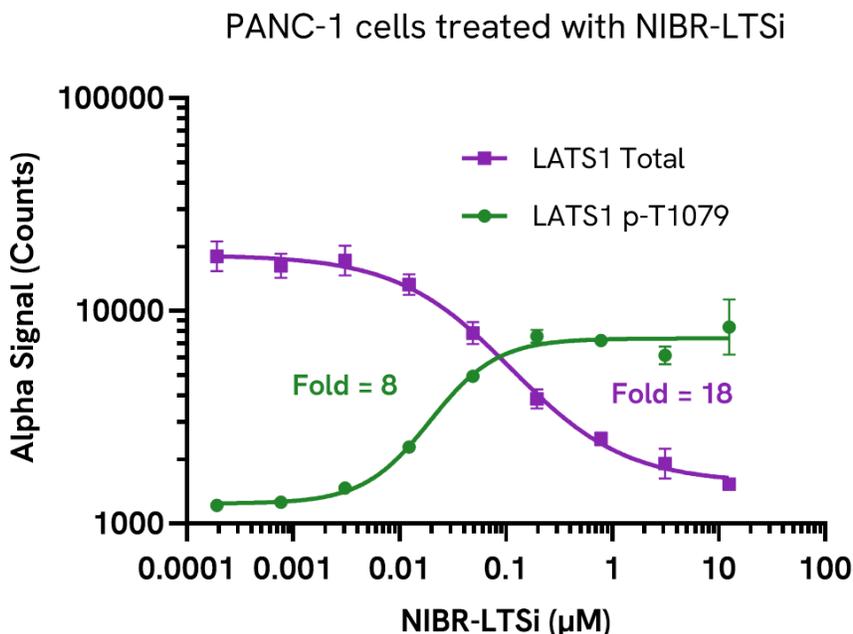
This assay kit contains antibodies which recognize distinct epitopes on LATS1. The protein detected by this kit corresponds to UniProt ID O95835. LATS1 is also known as Large tumor suppressor homolog 1 and WARTS protein kinase. These antibodies recognize LATS1 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

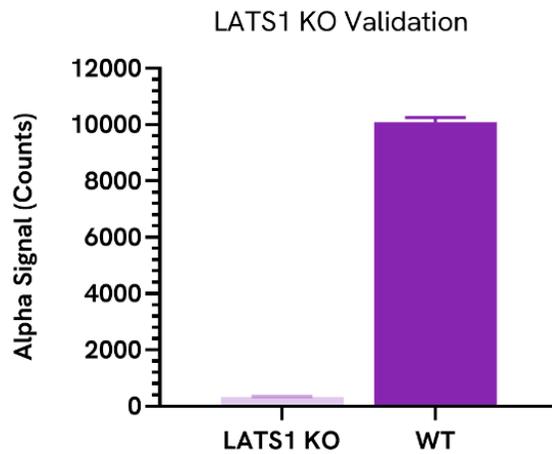
Positive Control Lysate: Prepared from THP1 cells treated with 100 nM calyculin for 3 hours and lysed at a density of 8×10^6 cells/mL.

Representative data:

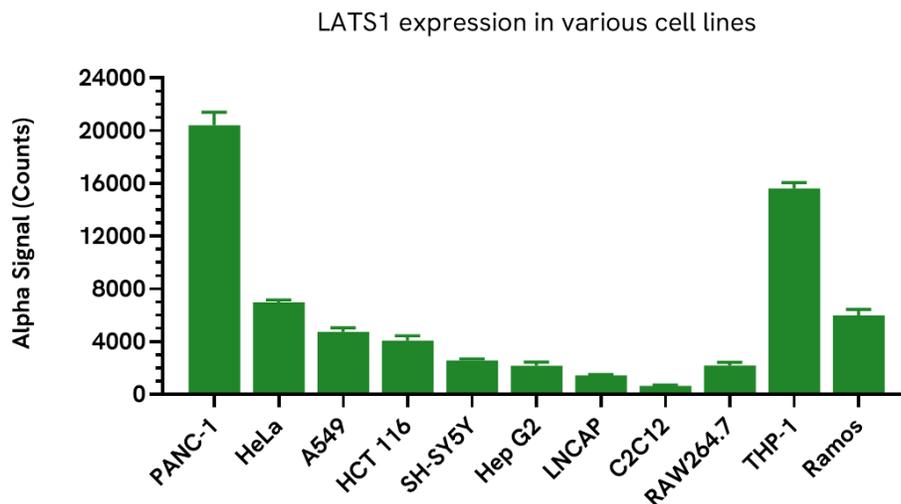
Data obtained with a 2-plate, 2-incubation protocol. PANC-1 cells were seeded in a 96-well plate (40,000 cells/well) in complete medium and incubated overnight. The cells were treated with increasing concentrations of NIBR-LTSi for 4 hours. After treatment, the cells were lysed with Lysis Buffer and Phospho (Thr1079) and Total LATS1 levels were evaluated using respective *SureFire Ultra* kits. Equivalent to approximately 8,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. THP1 (WT) and LATS1 KO (Abcam ab277862) cells were lysed in Lysis Buffer and LATS1 levels were evaluated by *SureFire Ultra*. Equivalent to approximately 4,000 cells/datapoint.



Data obtained from measurement of LATS1 in various cell types lysed with Lysis Buffer. Equivalent to approximately 8,000 cells/datapoint (adherent cells) or 10,000 cells/datapoint (suspension cells).



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