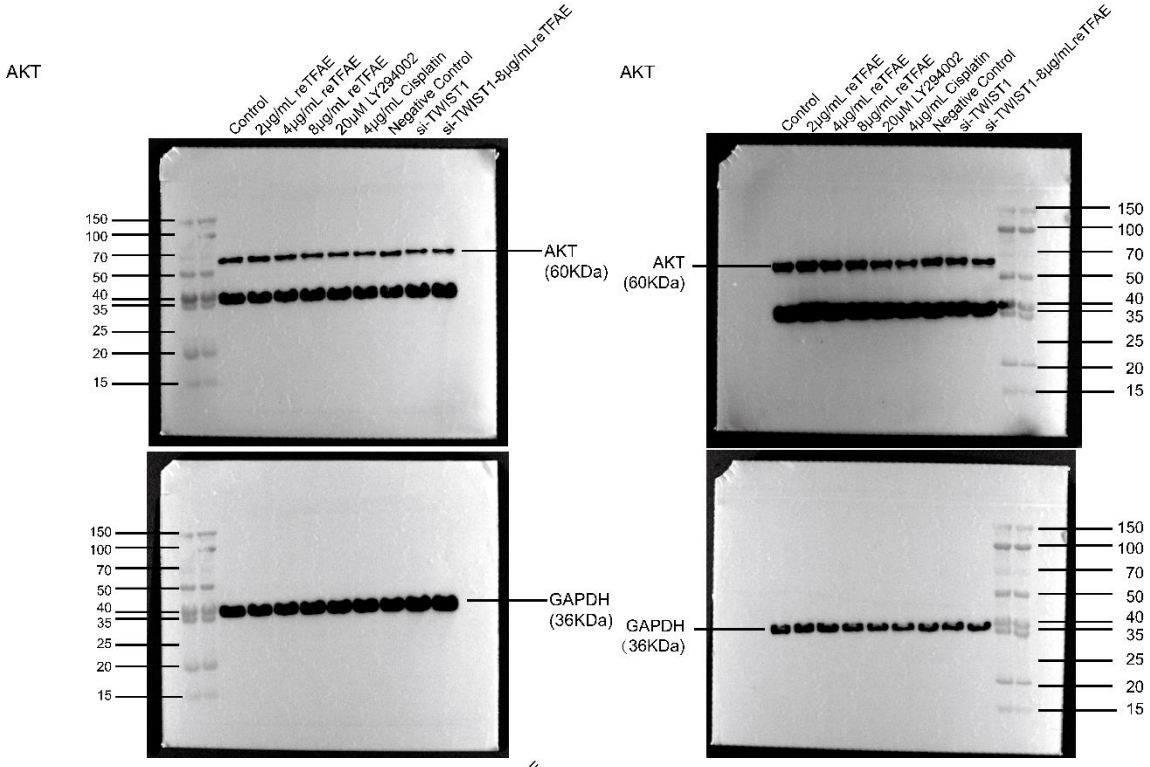
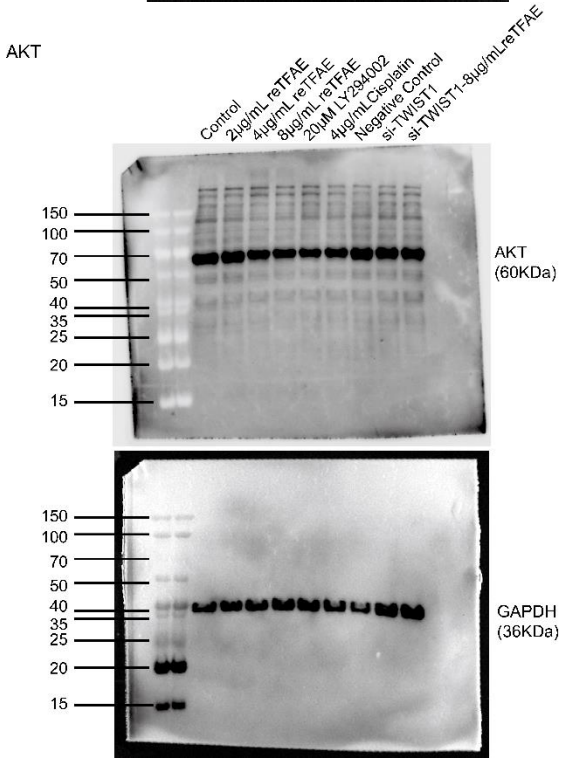
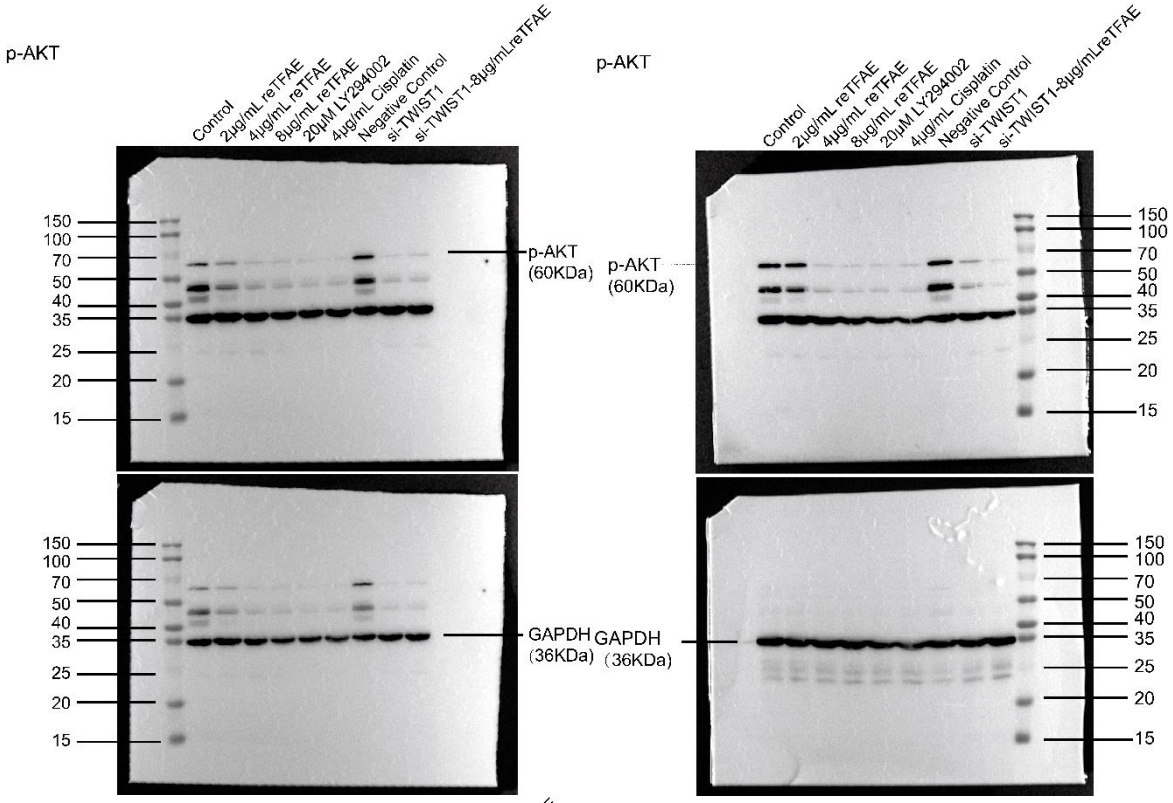
Supplementary Material

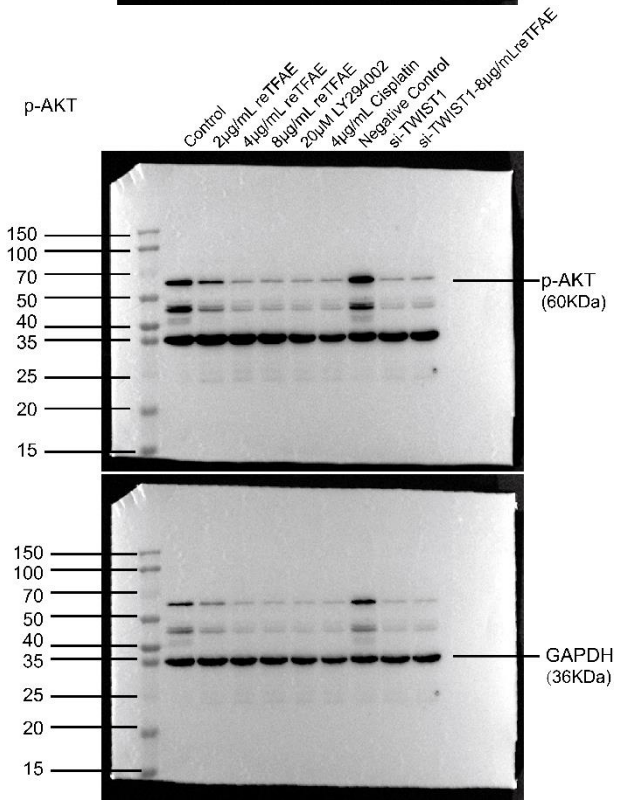
1.Western Blot pictures_ AKT:



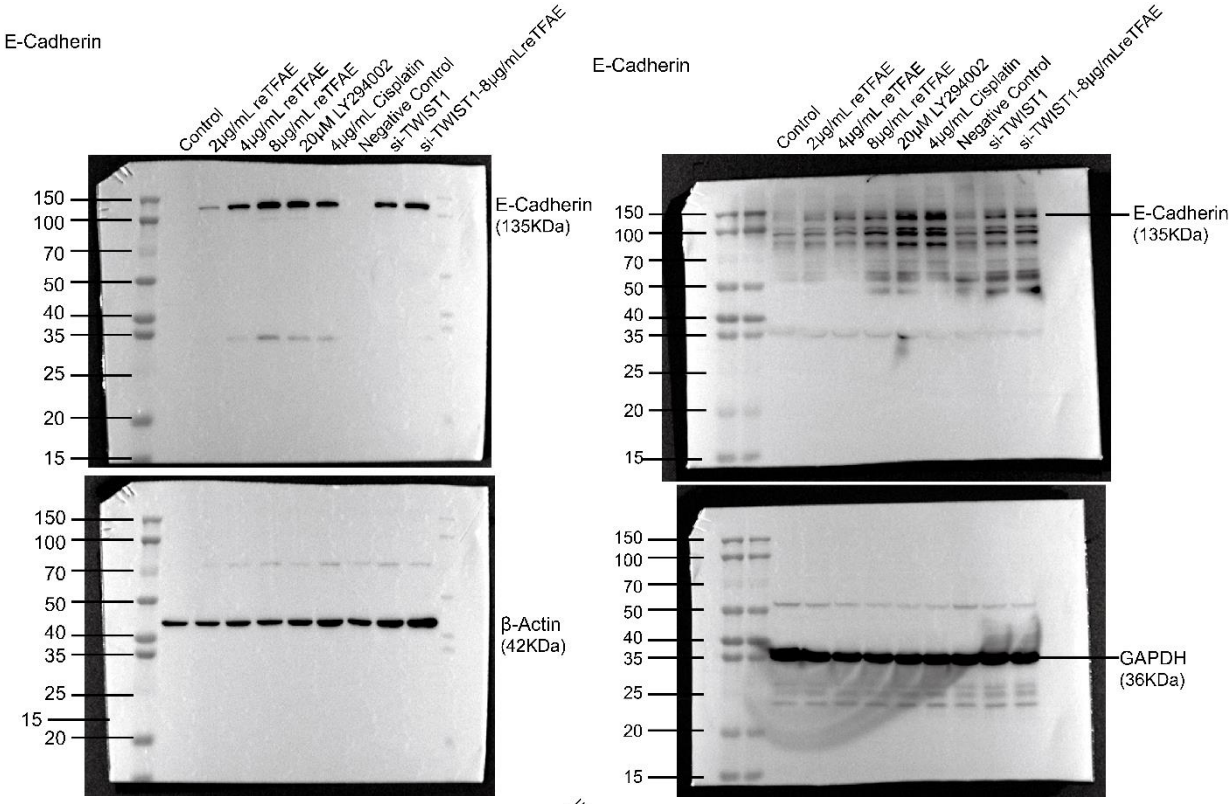


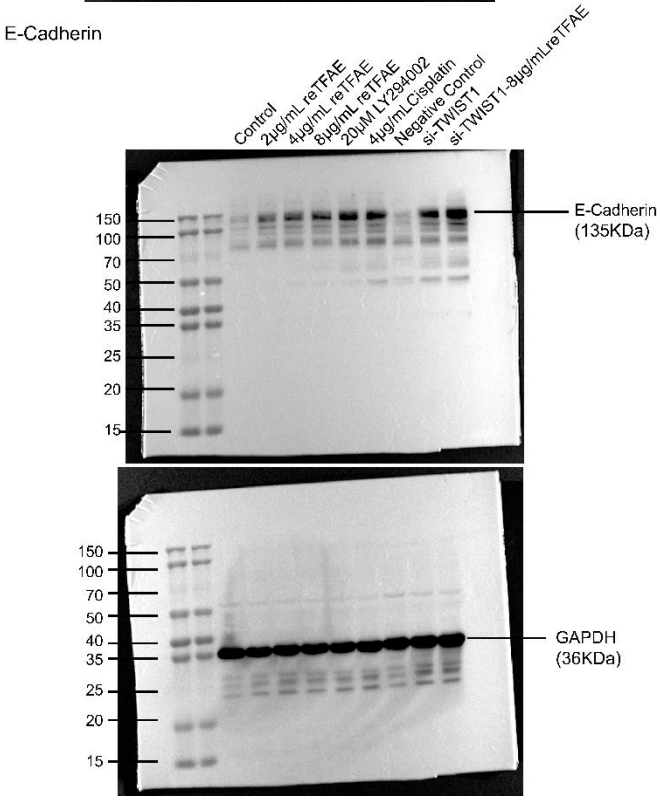
2.Western Blot pictures_ p-AKT:



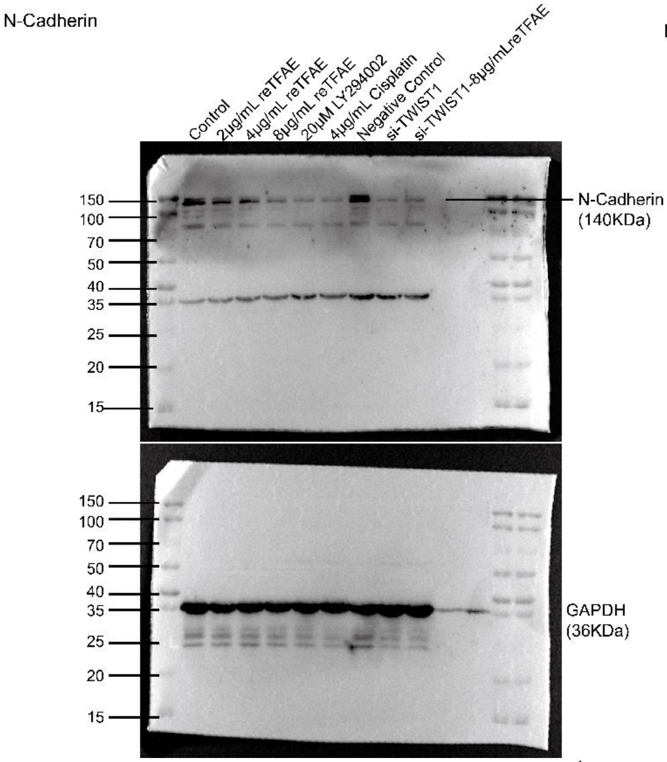


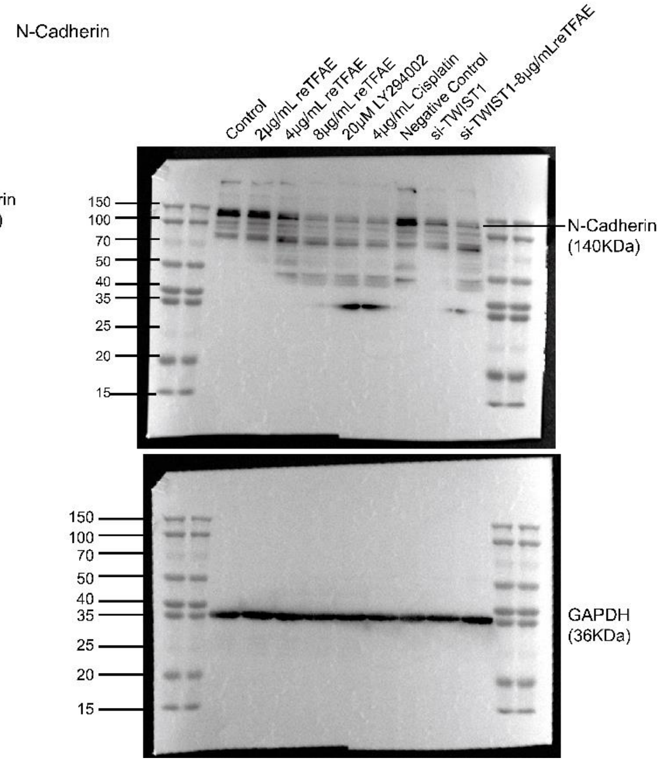
3.Western Blot pictures_ E-Cadherin:

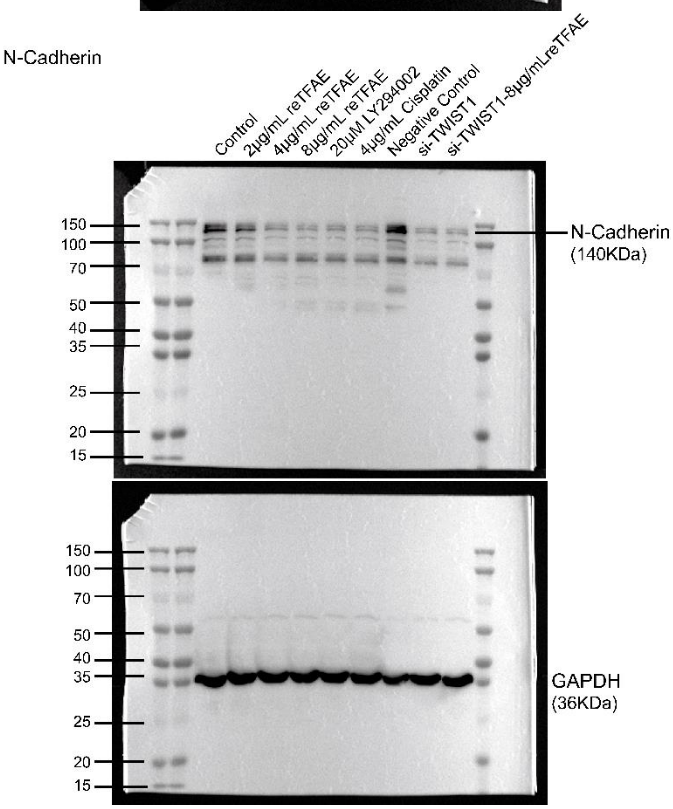




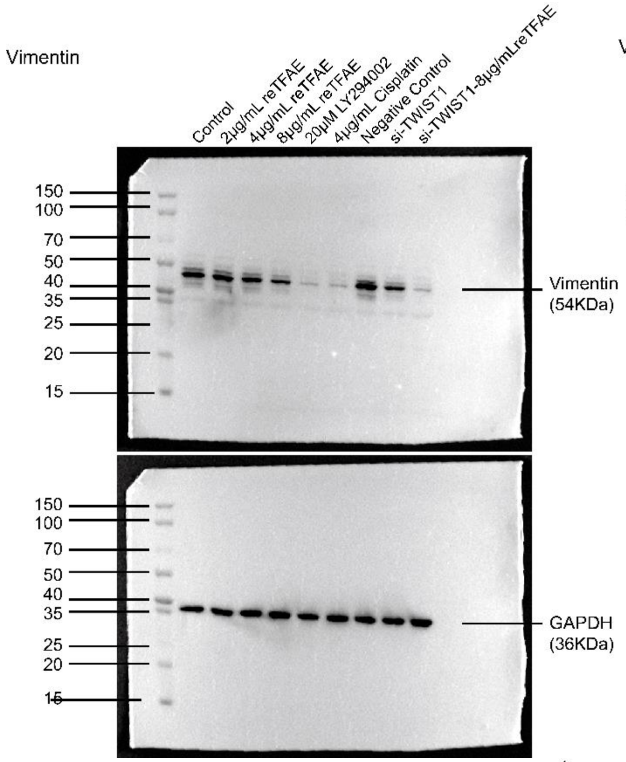
4.Western Blot pictures_ N-Cadherin:

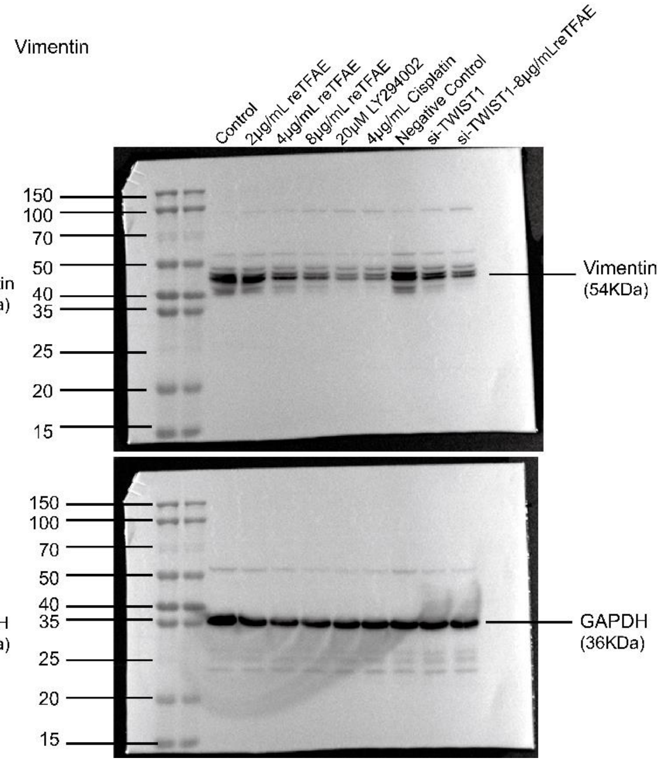


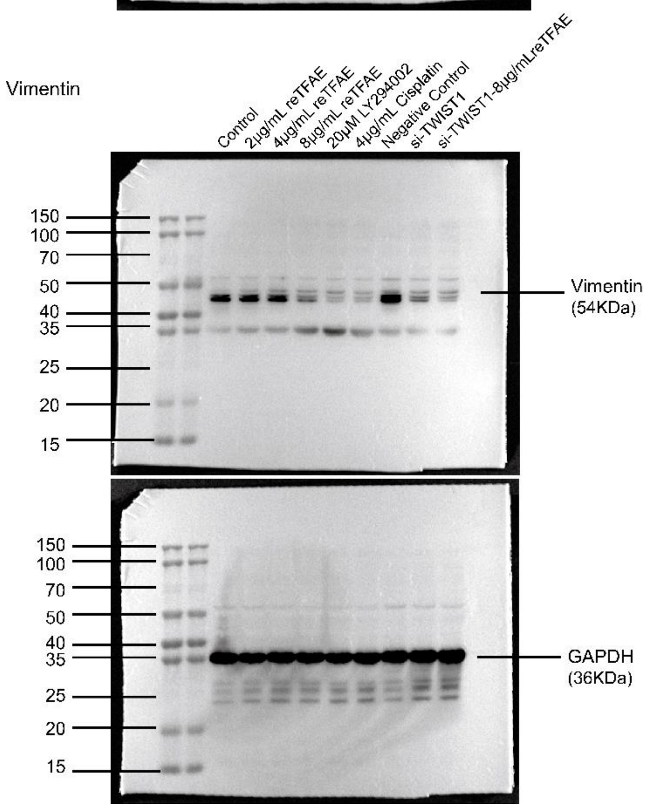




5.Western Blot pictures_ Vimentin:

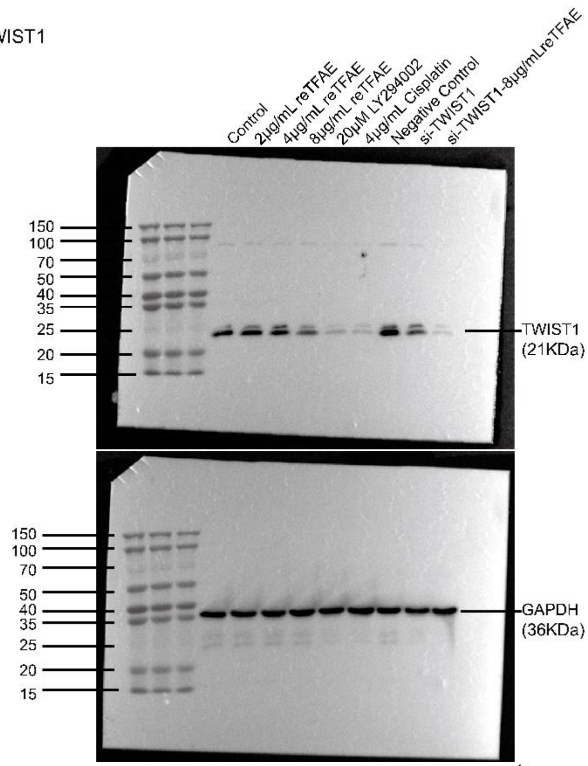




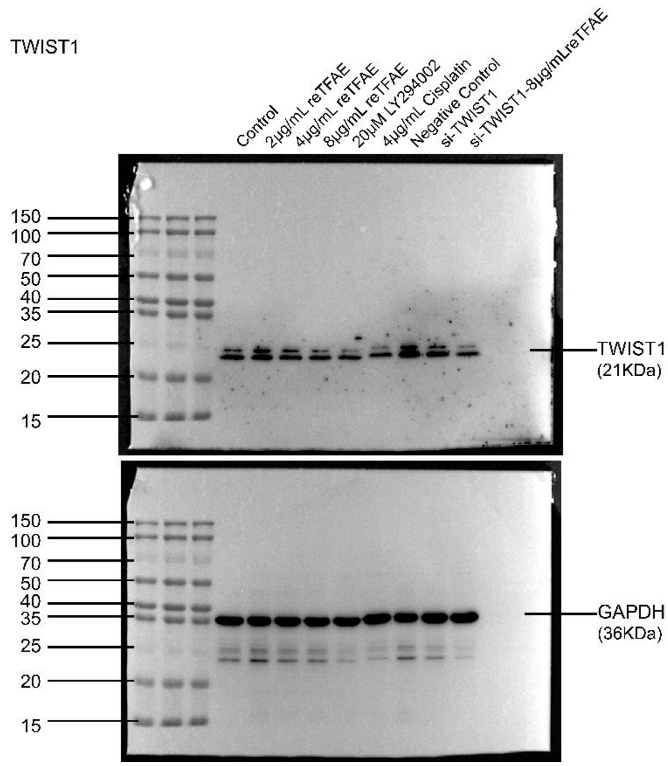


6. Western Blot pictures_ TWIST1:

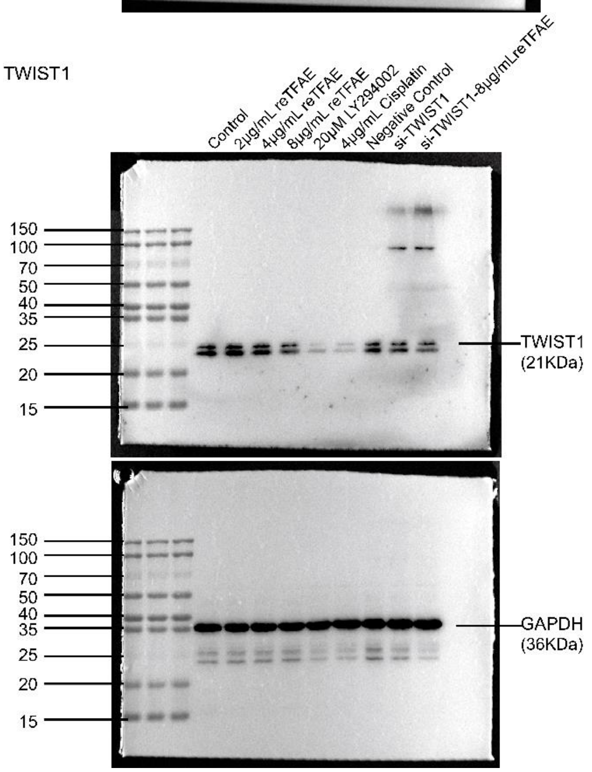
TWIST1



TWIST1



TWIST1



7. The effect of reTFAE on the viability of Beas-2B cells.

Beas-2B cells were obtained from the National Collection of Authenticated Cell Culture, and were cultured at 37°C under 5% CO_2 in Dulbecco's modified Eagle's medium (DMEM; Sigma, D6429) supplemented with 10% (vol./vol.) fetal bovine serum (FBS; Gibco, 10270-106), and 1% (vol./vol.) penicillin-streptomycin (PS; Gibco, 15140-122). Culture medium was refreshed and the cells were passaged when the confluency was 80%.

$5*10^3$ cells were plated in 96-well plates with 100 μL regular medium per well. After adherence, switch to medium without FBS while containing reTFAE or DMSO (as 0 μg/mL) for another 24 hours. After the treatment, remove the medium, and 60 μL of CCK-8 reagent (AbMole BioScience) prepared with serum-free medium was added to each well containing 1/11 original concentration of CCK-8. Incubate at 37°C within 4 hours, and measure the absorbance at 450 nm by a microplate reader. And the IC50 was 17.89 μg/mL (n=6).