

Fig. 3A

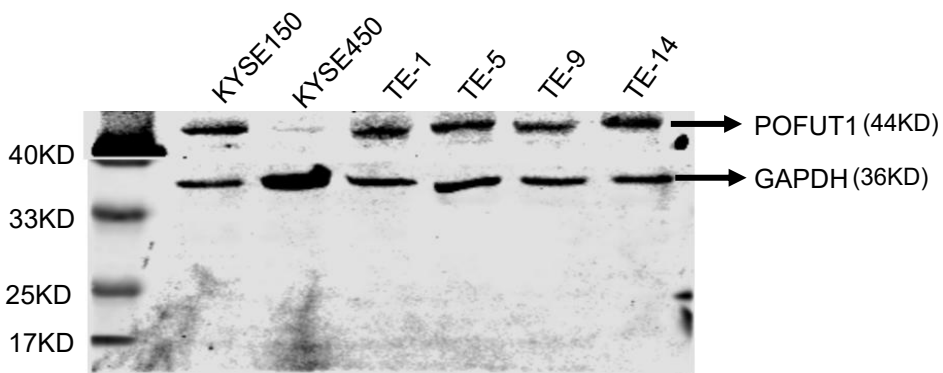


Fig.3A POFUT1 protein expression was examined in 6 kinds of cells by Western Blot.

Fig. 3C

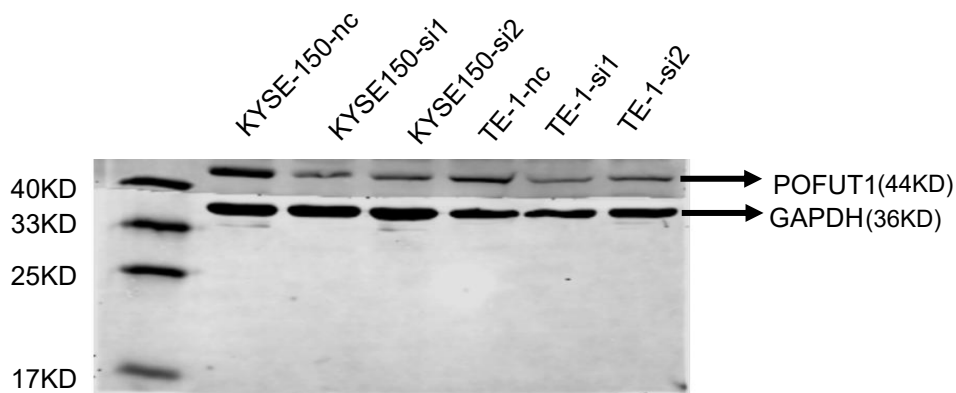


Fig.3C Western Blot revealed that POFUT1 was efficiently knocked down in KYSE150 and TE-1 cells.

Fig. 3G

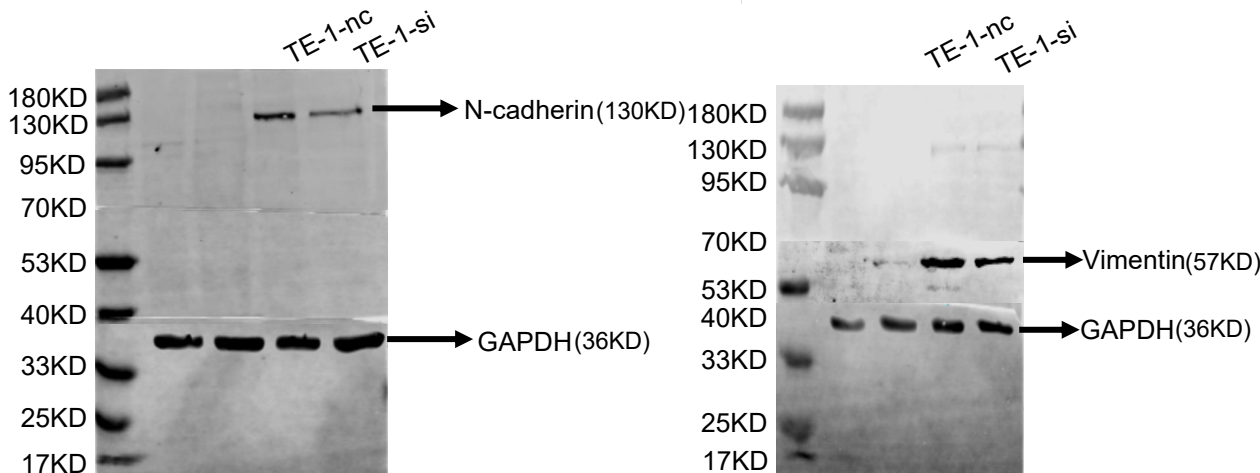
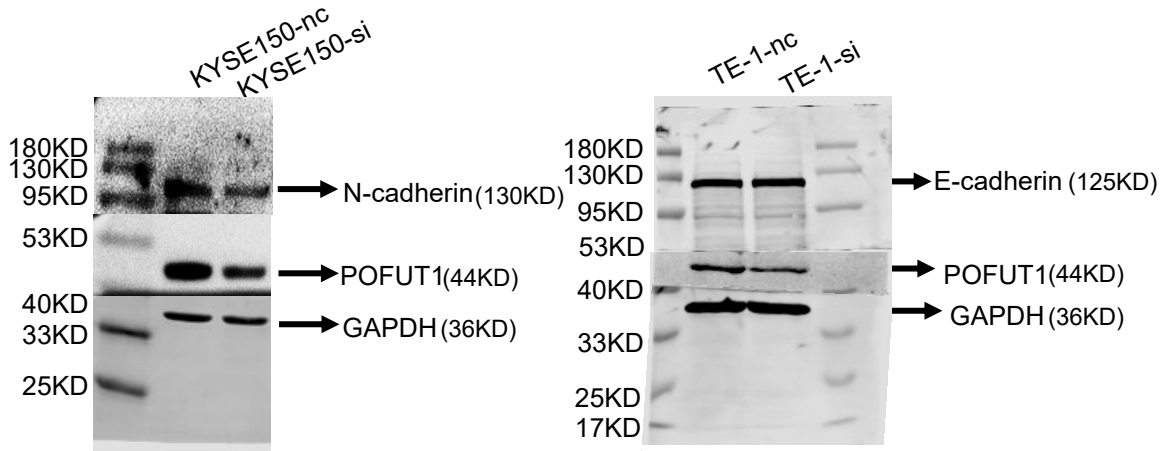
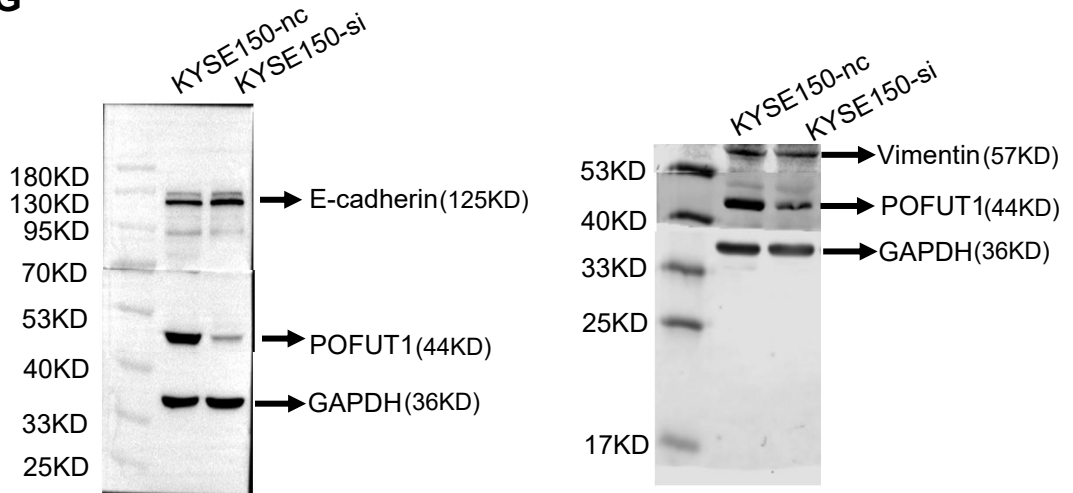


Fig.3G Analysis of E-cadherin, N-cadherin and Vimentin expression in POFUT1 knockdown KYSE150 and TE-1 cells by Western Blot.

Fig. 4B

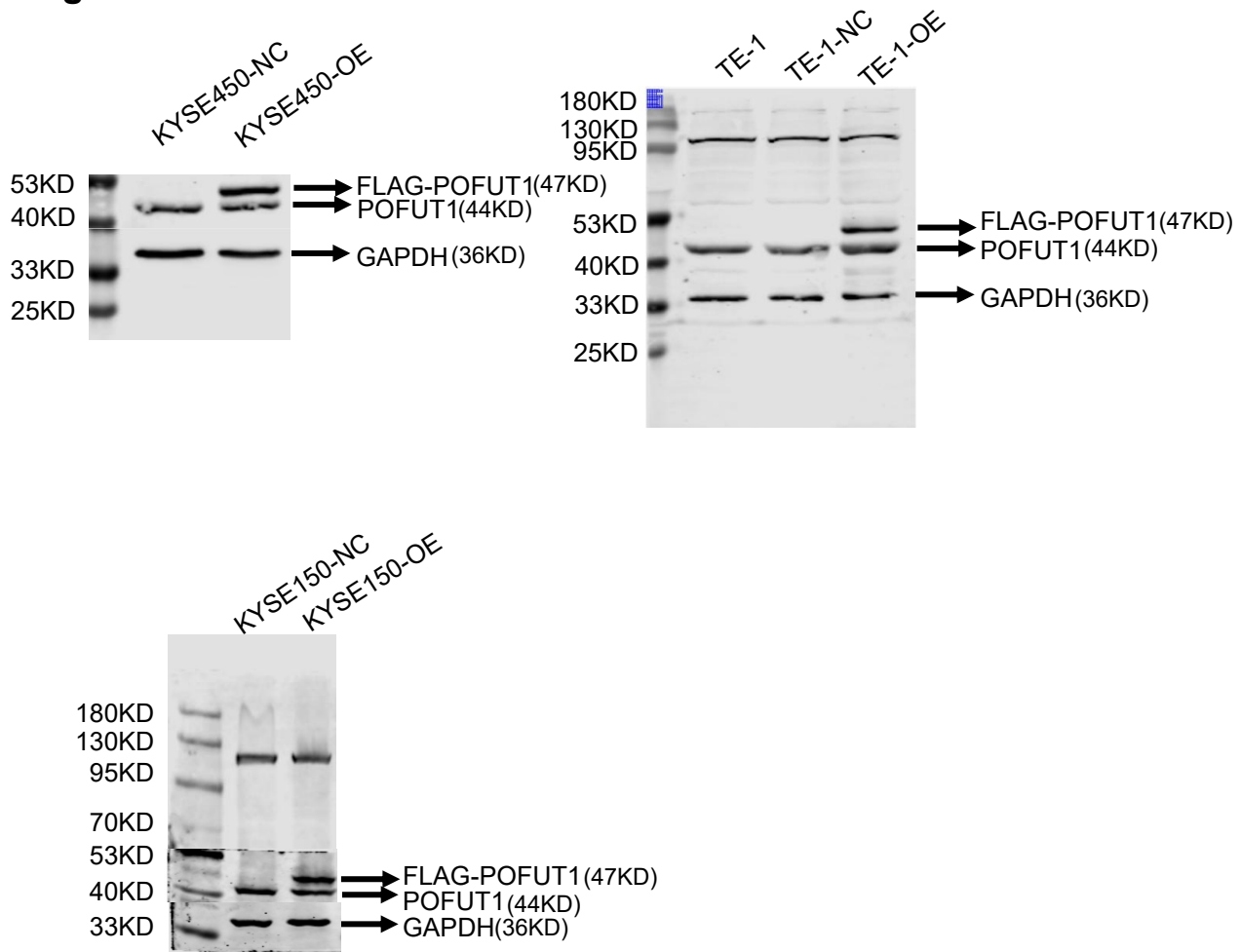


Fig.4B Western Blot revealed that POFUT1 was efficiently overexpressed in KYSE450, TE-1 and KYSE150 cells.

Fig. 4F

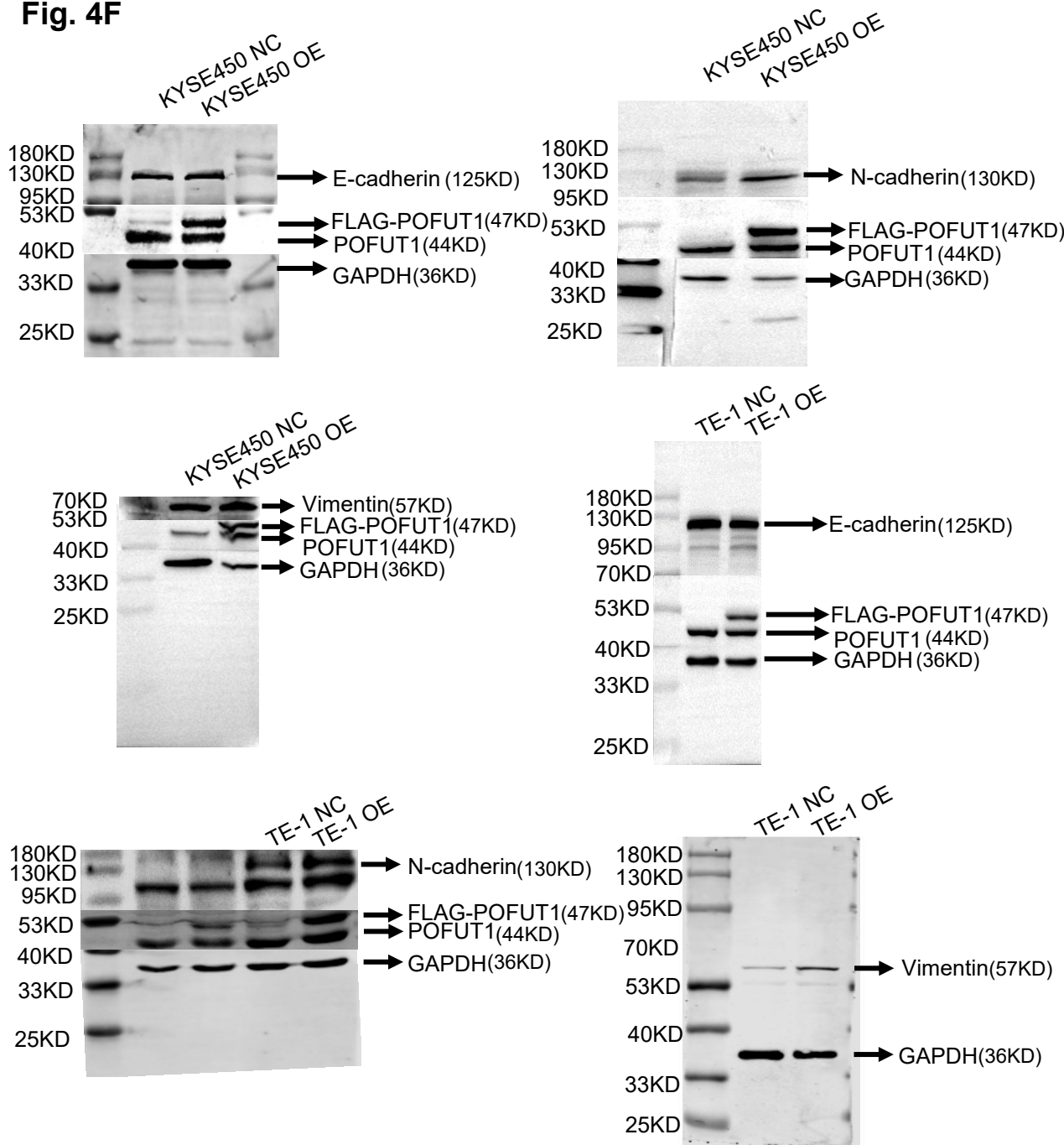


Fig.4F Analysis of E-cadherin, N-cadherin and Vimentin expression in POFUT1 overexpression KYSE450 and TE-1 cells by Western Blot.

Fig.5A

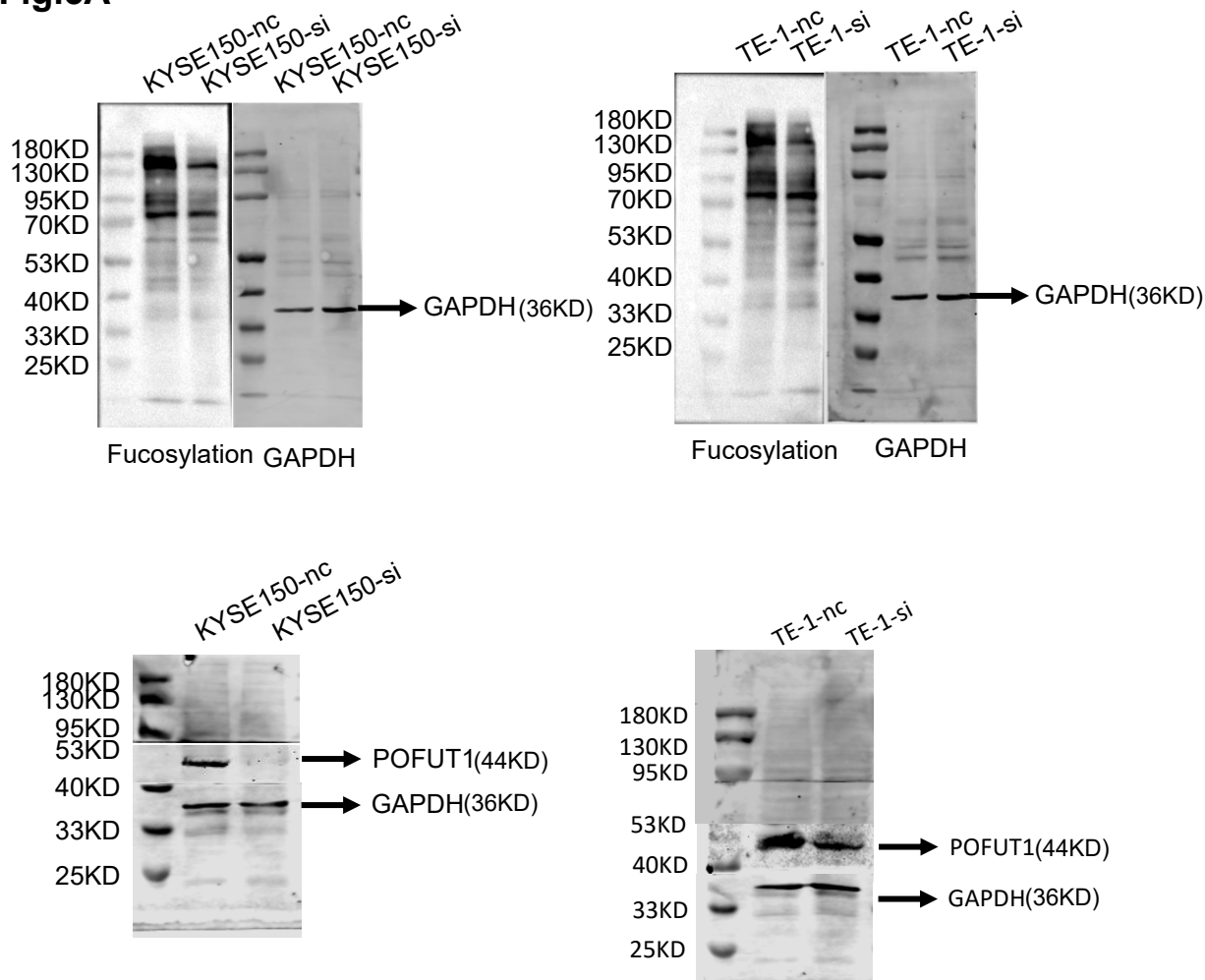


Fig.5A Analysis of the level of cellular overall O-fucosylation modification after POFUT1 knockdown in KYSE150 and TE-1 cells by click chemistry reaction.

Fig.5B

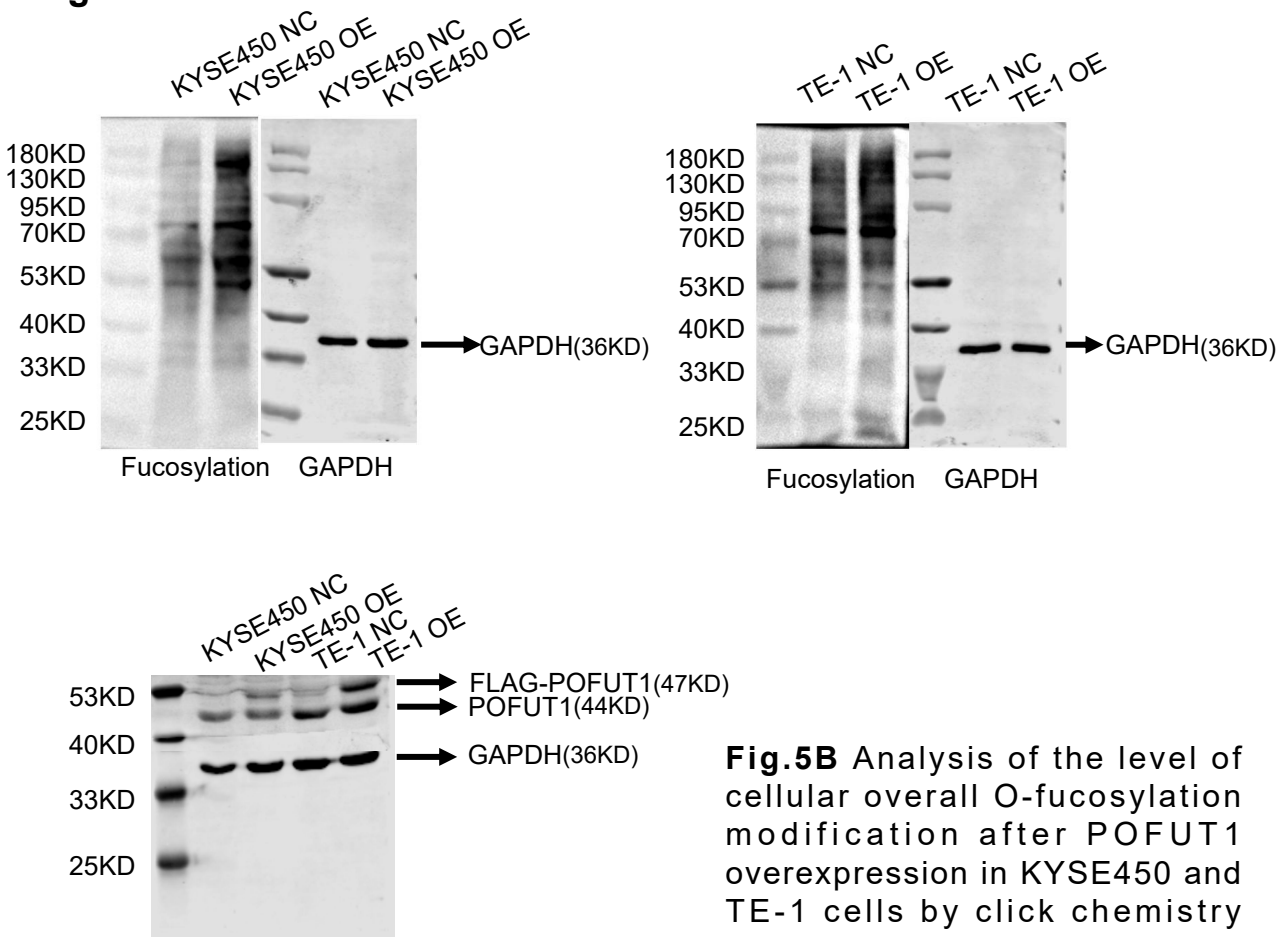


Fig.5B Analysis of the level of cellular overall O-fucosylation modification after POFUT1 overexpression in KYSE450 and TE-1 cells by click chemistry reaction.

Fig.5C

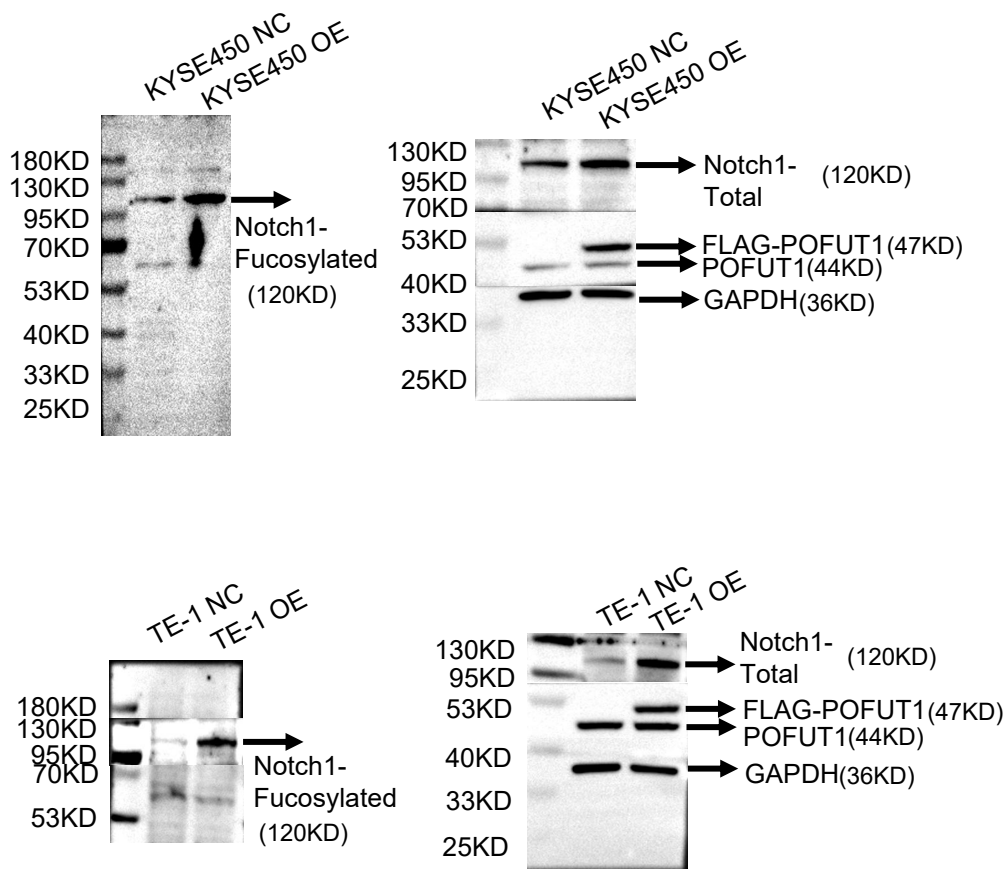


Fig.5C Analysis of the level of cellular overall O-fucosylation modification after POFUT1 overexpression in KYSE450 and TE-1 cells by click chemistry reaction.

Fig.5D

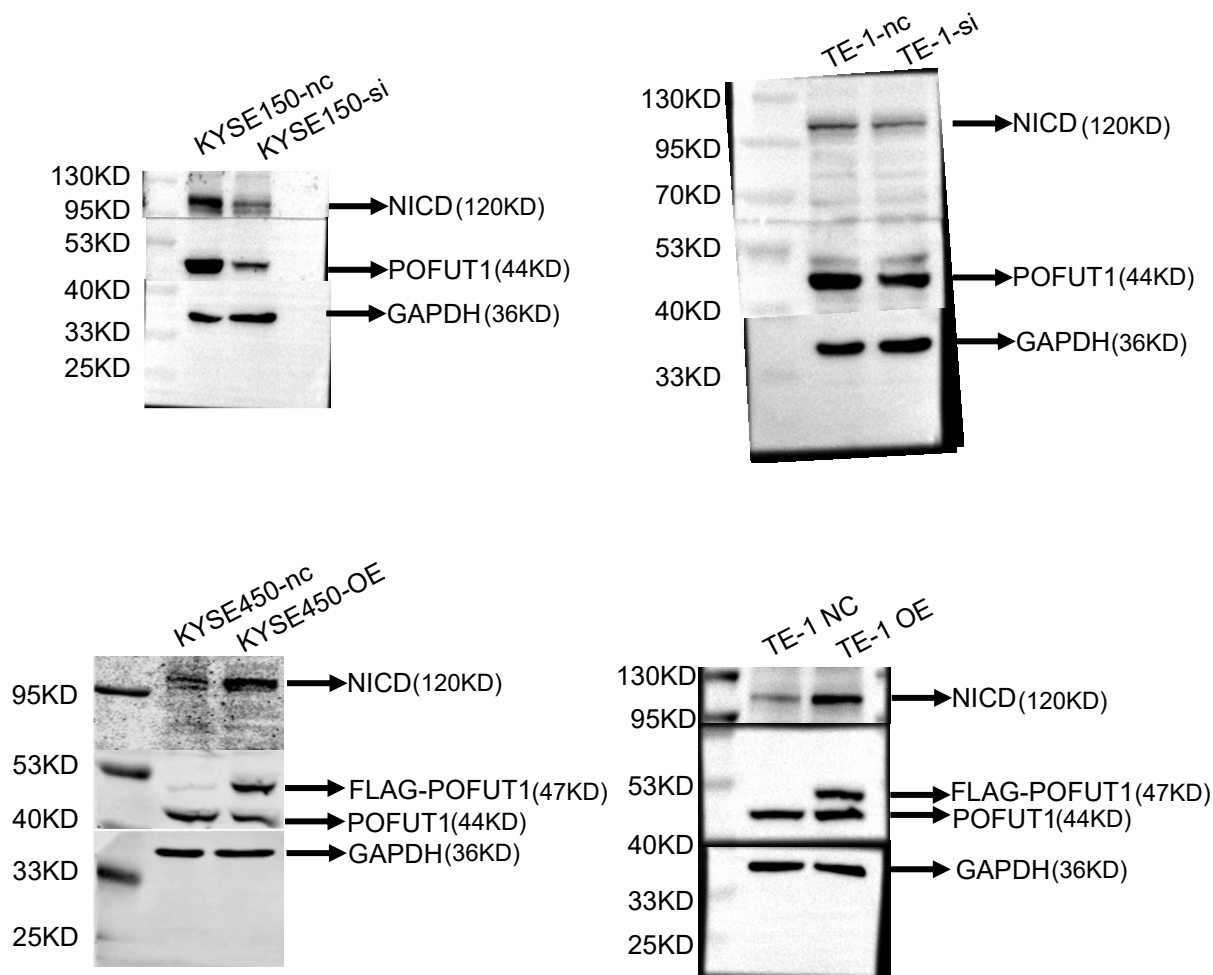


Fig.5D Analysis of the protein expression of NICD after knocking down POFUT1 in KYES150 and TE-1 cells, and overexpressing POFUT1 in KYES450 and TE-1 cells.

Fig.5E

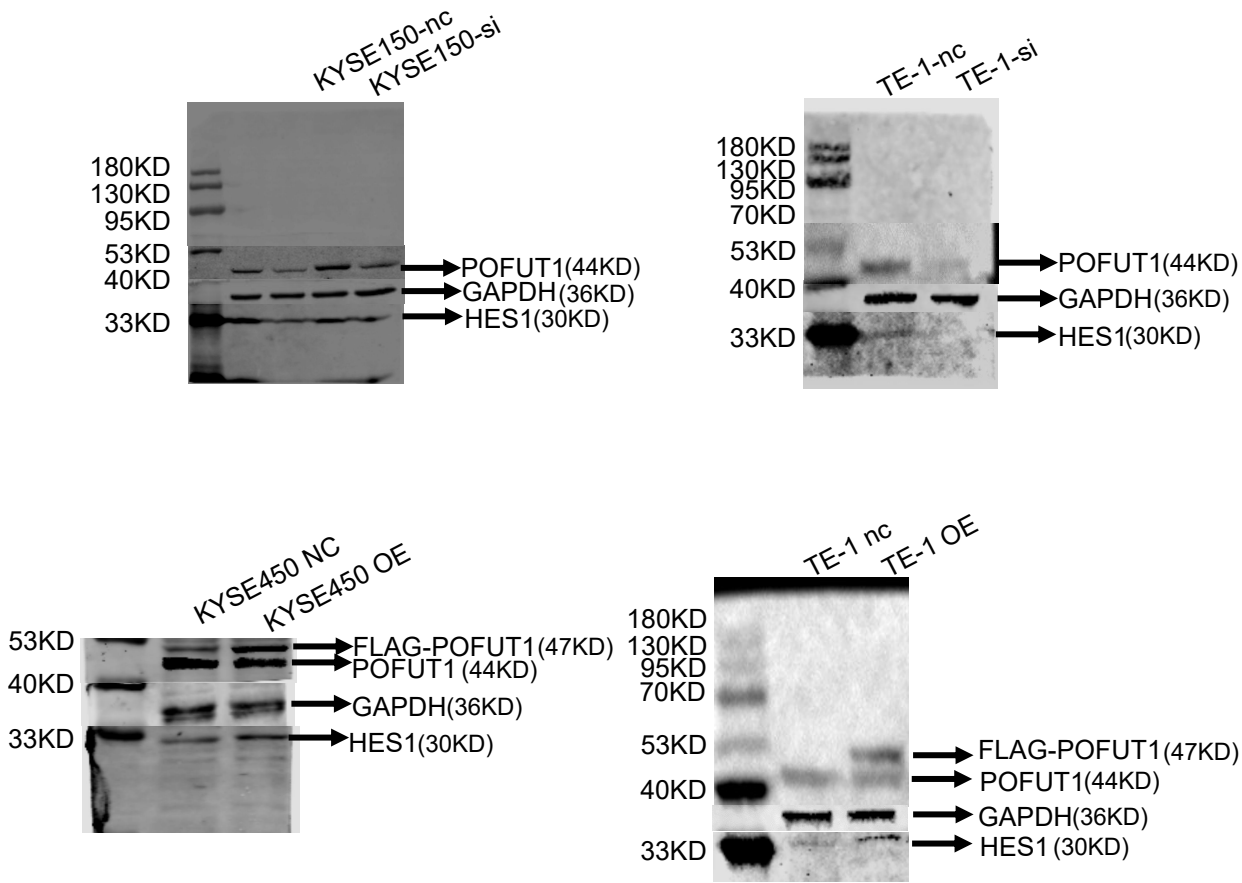


Fig.5E Analysis of the protein expression of HES1 after knocking down POFUT1 in KYES150 and TE-1 cells, and overexpressing POFUT1 in KYES450 and TE-1 cells.

Fig.6B

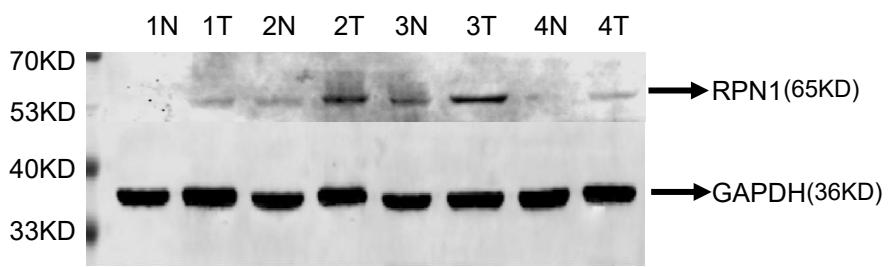


Fig.6B The protein expression of RPN1 was analyzed by Western Blot in ESCC and paired normal tissues.

Fig.7A

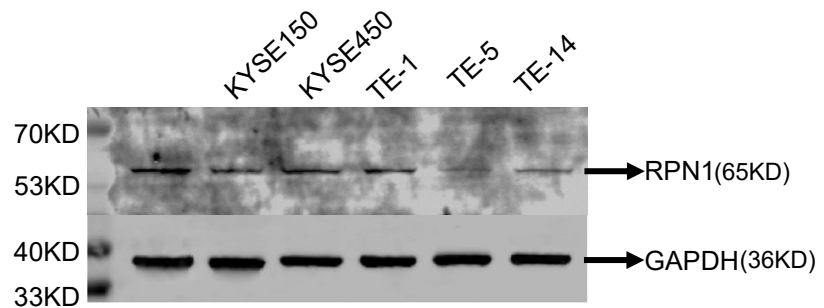


Fig.7A RPN1 protein expression was examined in 5 kinds of cells by Western Blot.

Fig.7B

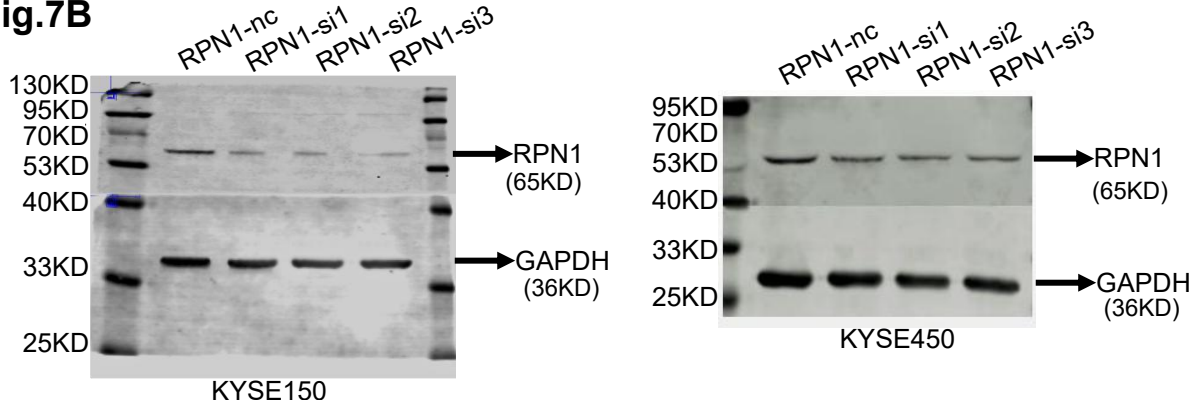
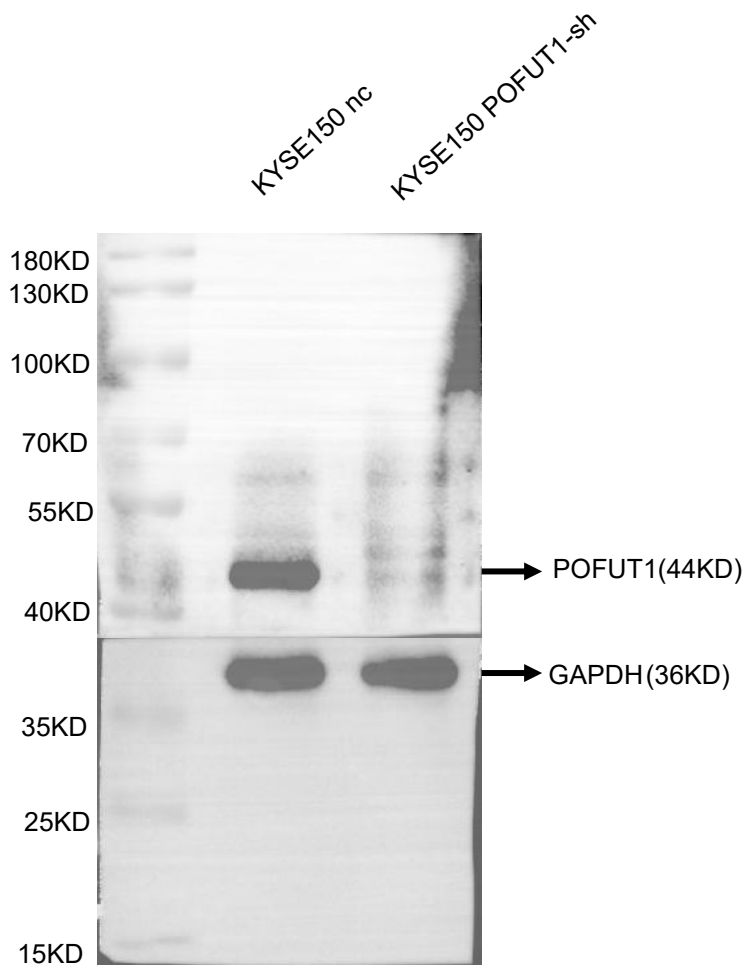


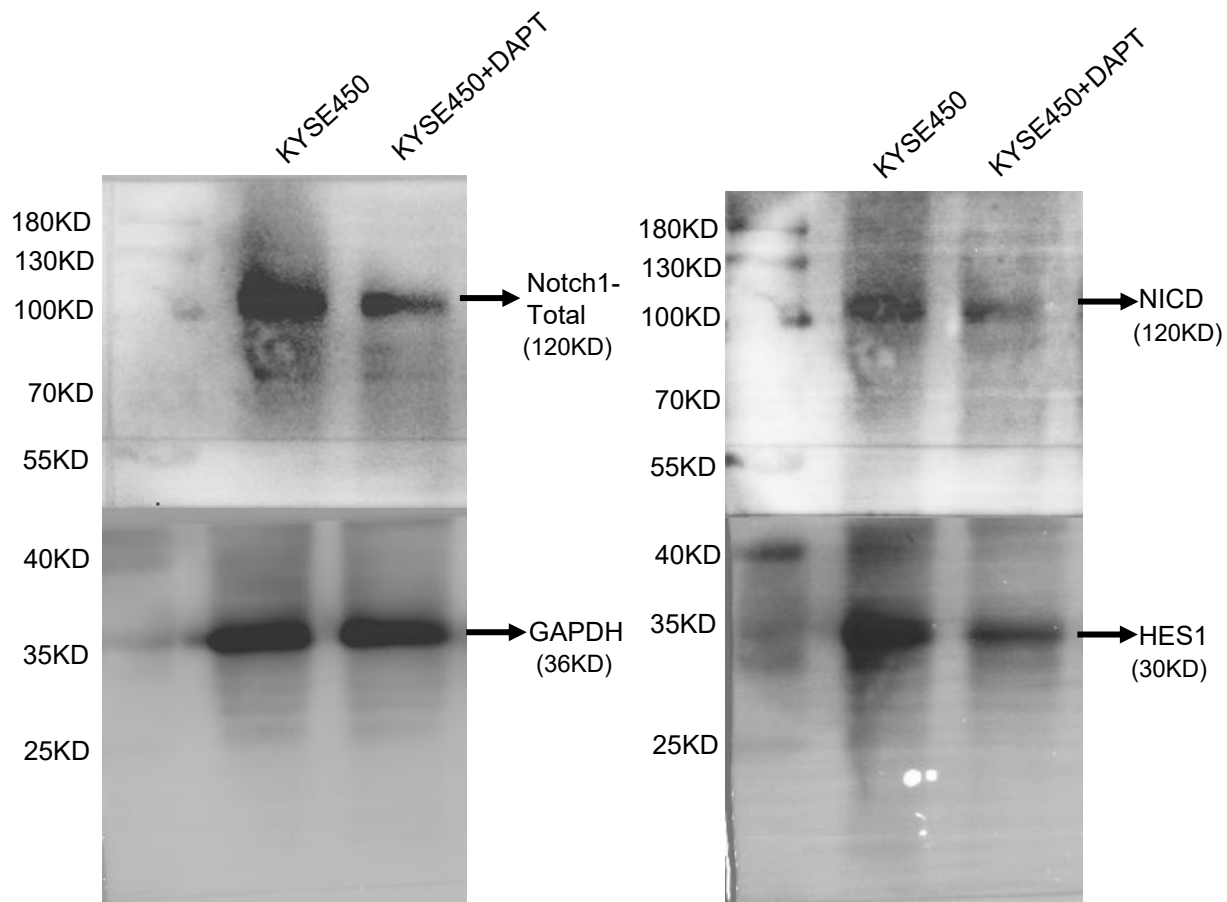
Fig.7B Western Blot revealed that RPN1 was efficiently knocked down in KYSE150 and KYSE450 cells by Western Blot.

Supplementary Fig. 3B.



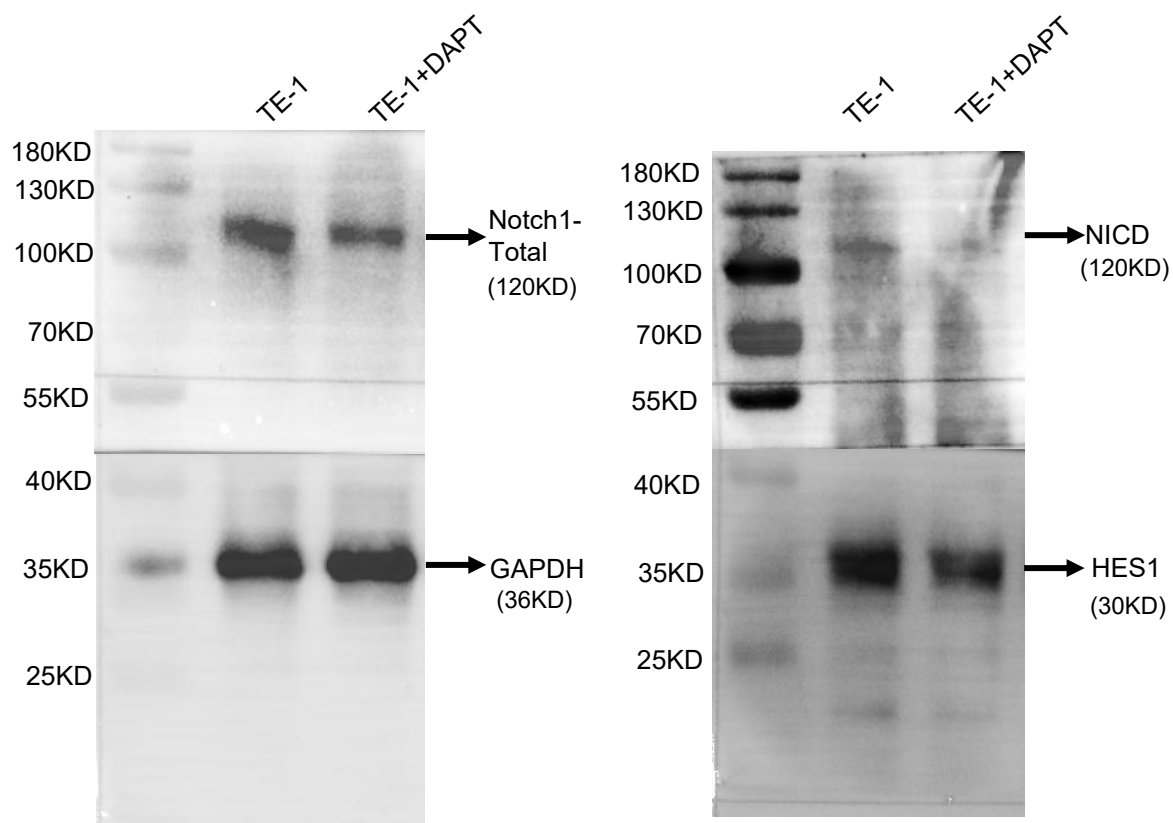
Supplementary Fig. 3B. Investigating the Protein Expression Levels of POFUT1 and GAPDH in KYSE150 Cells Following POFUT1 Knockdown

Supplementary Fig. 4A.



Supplementary Fig. 4A. Investigation of the effects of DAPT treatment on the protein expression levels of Notch 1, NICD, HES1 and GAPDH in KYSE450 cells.

Supplementary Fig. 4A.



Supplementary Fig. 4A. Investigation of the effects of DAPT treatment on the protein expression levels of Notch 1, NICD, HES1 and GAPDH in TE-1 cells.