

POFUT2 antibody

Product Information

Catalog No.:	FNab06603
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Catalyzes the reaction that attaches fucose through an O-glycosidic linkage to a conserved serine or threonine residue in the consensus sequence C1-X(2,3)-S/T-C2-X(2)-G of thrombospondin type 1 repeats where C1 and C2 are the first and second cysteines, respectively. O-fucosylates members of several protein families including the ADAMTS family, the thrombosporin(TSP) and spondin families. The O-fucosylation of TSRs is also required for restricting epithelial to mesenchymal transition(EMT), maintaining the correct patterning of mesoderm and localization of the definite endoderm(By similarity). Required for the proper secretion of ADAMTS family members such as ADAMSL1 and ADAMST13.

Immunogen information

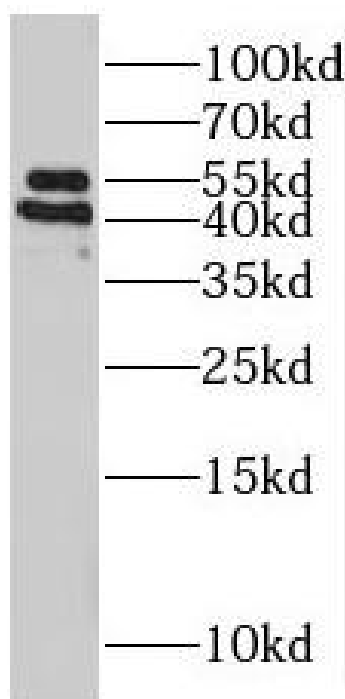
Immunogen:	protein O-fucosyltransferase 2
Synonyms:	GDP-fucose protein O-fucosyltransferase 2 Peptide-O-fucosyltransferase 2 (O-FucT-2) POFUT2 C21orf80 FUT13 KIAA0958
Observed MW:	49 kDa, 50 kDa
Uniprot ID :	Q9Y2G5

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab06603(POFUT2 antibody) at dilution of 1:600