Datasheet for ABIN7153730

anti-POFUT2 antibody (AA 125-271) (Biotin)

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Overview

Quantity:	100 µg
Target:	POFUT2
Binding Specificity:	AA 125-271
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POFUT2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human GDP-fucose protein O-fucosyltransferase 2 protein (125-271AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	POFUT2
Alternative Name:	POFUT2 (POFUT2 Products)
Background:	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

Target Details

	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. Aliases: POFUT2 antibody, C21orf80 antibody, FUT13 antibody, KIAA0958 antibody, GDP-fucose protein O-fucosyltransferase 2 antibody, EC 2.4.1.221 antibody, Peptide-O-fucosyltransferase 2 antibody, O-FucT-2 antibody
UniProt:	Q9Y2G5

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.