

Datasheet for ABIN7117982 **anti-POFUT2 antibody**

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	POFUT2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POFUT2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	protein O-fucosyltransferase 2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	POFUT2
Alternative Name:	POFUT2 (POFUT2 Products)
Background:	Synonyms:C21orf80, FUT13, KIAA0958 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

Target Details

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.

Molecular Weight: 49 kDa,50 kDa

Gene ID: 23275

UniProt: [Q9Y2G5](#)

Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months