

Product datasheet for **TA338934**

POFUT2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-POFUT2 antibody: synthetic peptide directed towards the N terminal of human POFUT2. Synthetic peptide located within the following region: GAASRRRYLLYDVPPEGFNLRRDVYIRIASLLKTLKTEEWVLVLPWPW
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50 kDa
Gene Name:	protein O-fucosyltransferase 2
Database Link:	NP_598368 Entrez Gene 23275 Human Q9Y2G5



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Background:

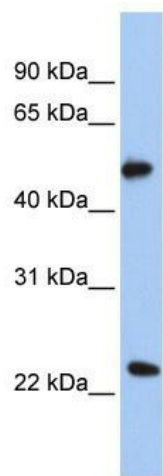
Fucose is typically found as a terminal modification of branched chain glycoconjugates, but it also exists in direct O-linkage to serine or threonine residues within cystine knot motifs in epidermal growth factor (EGF; MIM 131530)-like repeats or thrombospondin (THBS; see MIM 188060) type-1 repeats. POFUT2 is an O-fucosyltransferase that use THBS type-1 repeats as substrates (Luo et al., 2006 [PubMed 16464857]). [supplied by OMIM, Mar 2008]. Transcript Variant: This variant (3) differs in the 3' UTR and coding region compared to variant 1. The resulting isoform (C) is longer and differs in the C-terminus compared to isoform A. ##Evidence-Data-START## Transcript exon combination :: AY066015.2, BC064623.1 [ECO:0000332] RNAseq introns :: single sample supports all introns ERS025095 [ECO:0000348] ##Evidence-Data-END## COMPLETENESS: complete on the 3' end.

Synonyms:

C21orf80; FUT13

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Zebrafish: 100%; Guinea pig: 100%

Product images:

WB Suggested Anti-POFUT2 Antibody Titration:
0.2-1 ug/ml; Positive Control: Transfected 293T