

## Product datasheet for **TA342615**

### POFUT1 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-POFUT1 antibody: synthetic peptide directed towards the middle region of human POFUT1. Synthetic peptide located within the following region: RVISLEDFMEKLPATHWPPEKRVAYCFEVAQAQRSPDKKTCPMKEGNPFGP
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>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	41 kDa
Gene Name:	protein O-fucosyltransferase 1
Database Link:	<a href="#">NP_056167</a> <a href="#">Entrez Gene 23509 Human</a> <a href="#">Q9H488</a>
Background:	This gene encodes a member of the glycosyltransferase O-Fuc family. This enzyme adds O-fucose through an O-glycosidic linkage to conserved serine or threonine residues in the epidermal growth factor-like repeats of a number of cell surface and secreted proteins. O-fucose glycans are involved in ligand-induced receptor signaling. Alternative splicing of this gene results in two transcript variants encoding different isoforms.
Synonyms:	DDD2; FUT12; O-Fuc-T; O-FucT-1; O-FUT; OFUCT1

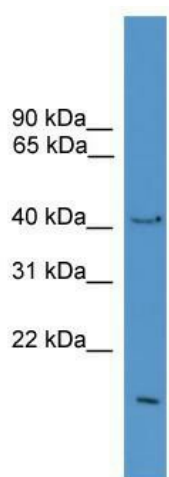


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**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 79%

**Protein Families:** Druggable Genome, Transcription Factors

**Product images:**



WB Suggested Anti-POFUT1 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1:312500; Positive  
Control: PANC1 cell lysate POFUT1 is strongly  
supported by BioGPS gene expression data to be  
expressed in Human PANC1 cells