

## Product datasheet for **TA342065**

### RFT1 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-RFT1 antibody: synthetic peptide directed towards the N terminal of human RFT1. Synthetic peptide located within the following region: GTQRDWSQTLNLLWLTVPGLGVFWSLFLGWIWLQLLEVPDPNVVPHYATGV
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
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60 kDa
Gene Name:	RFT1 homolog
Database Link:	<a href="#">NP_443091</a> <a href="#">Entrez Gene 91869 Human Q96AA3</a>



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**Background:**

N-glycosylation of proteins follows a highly conserved pathway that begins with the synthesis of a Man(5)GlcNAc(2)-dolichylpyrophosphate (PP-Dol) intermediate on the cytoplasmic side of the endoplasmic reticulum (ER) membrane followed by the translocation of Man(5)GlcNAc(2)-PP-Dol to the luminal side of the ER membrane. RFT1 is the flippase enzyme that catalyzes this translocation. N-glycosylation of proteins follows a highly conserved pathway that begins with the synthesis of a Man(5)GlcNAc(2)-dolichylpyrophosphate (PP-Dol) intermediate on the cytoplasmic side of the endoplasmic reticulum (ER) membrane followed by the translocation of Man(5)GlcNAc(2)-PP-Dol to the luminal side of the ER membrane. RFT1 is the flippase enzyme that catalyzes this translocation (Helenius et al., 2002 [PubMed 11807558]). [supplied by OMIM]

**Synonyms:**

CDG1N

**Note:**

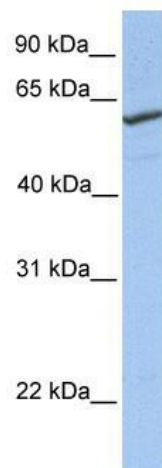
Immunogen Sequence Homology: Dog: 100%; Human: 100%; Pig: 92%; Rat: 92%; Horse: 92%; Bovine: 92%; Rabbit: 92%; Guinea pig: 92%; Mouse: 85%

**Protein Families:**

Transmembrane

**Protein Pathways:**

N-Glycan biosynthesis

**Product images:**

WB Suggested Anti-RFT1 Antibody Titration: 0.2-1 ug/ml; Positive Control: HepG2 cell lysate