

Datasheet for ABIN2784093
anti-RFT1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	RFT1
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Mouse, Cow, Guinea Pig, Horse, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RFT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human RFT1
Sequence:	GTQRDWSQTL NLLWLTVP LG VFWSLFLGWI WLQLLEVDPD NVVPHYATGV
Predicted Reactivity:	Cow: 92%, Dog: 100%, Guinea Pig: 92%, Horse: 92%, Human: 100%, Mouse: 85%, Rabbit: 92%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against RFT1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	RFT1
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Target Details

Alternative Name:	RFT1 (RFT1 Products)
Background:	<p>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.</p> <p>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].</p> <p>Alias Symbols: CDG1N</p> <p>Protein Interaction Partner: PSMA3, UBC, NEDD4,</p> <p>Protein Size: 541</p>
Molecular Weight:	60 kDa
Gene ID:	91869
NCBI Accession:	NM_052859 , NP_443091
UniProt:	Q96AA3

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 541 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-RFT1 Antibody Titration: 0.2-1 ug/ml

Positive Control: HepG2 cell lysate