

**RNFT1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17838a****Specification**

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**RNFT1 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q5M7Z0](#)**RNFT1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 51136**Other Names**

RING finger and transmembrane domain-containing protein 1, Protein PTD016, RNFT1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**RNFT1 Antibody (N-term) Blocking Peptide - Protein Information****Name** RNFT1**Function**

E3 ubiquitin-protein ligase that acts in the endoplasmic reticulum (ER)-associated degradation (ERAD) pathway, which targets misfolded proteins that accumulate in the endoplasmic reticulum (ER) for ubiquitination and subsequent proteasome-mediated degradation. Protects cells from ER stress-induced apoptosis.

**Cellular Location**

Endoplasmic reticulum membrane; Multi-pass membrane protein

**Tissue Location**

Expressed at highest levels in testis, lower levels in heart, liver, lung, and kidney (PubMed:17074343). Not detected in brain, ovary, and uterus (PubMed:17074343). Down-regulated in testis from patients with maturation arrest (MA) or Sertoli cell-only syndrome (SCOS) (PubMed:17074343). Ubiquitously expressed with high expression in testis (PubMed:27485036).

**RNFT1 Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **RNFT1 Antibody (N-term) Blocking Peptide - Images**

#### **RNFT1 Antibody (N-term) Blocking Peptide - Background**

PTD016 contains a RING-type zinc finger. The function of this protein is unknown.

#### **RNFT1 Antibody (N-term) Blocking Peptide - References**

Bailey, S.D., et al. Diabetes Care (2010) In press :Talmud, P.J., et al. Am. J. Hum. Genet.  
85(5):628-642(2009)