

RNFT1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17838A**Specification**

RNFT1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q5M7Z0
Other Accession	NP_057209.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	49710
Antigen Region	1-30

RNFT1 Antibody (N-term) - Additional Information**Gene ID** 51136**Other Names**

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

Target/Specificity

This RNFT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human RNFT1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RNFT1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RNFT1 Antibody (N-term) - 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

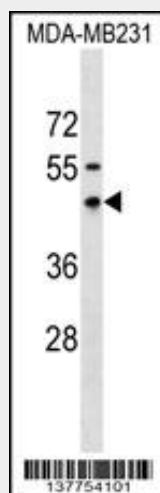
Tissue Location

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) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RNFT1 Antibody (N-term) - Images

RNFT1 Antibody (N-term) (Cat. #AP17838a) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the RNFT1 antibody detected the RNFT1 protein (arrow).

RNFT1 Antibody (N-term) - Background

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

RNFT1 Antibody (N-term) - 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)