10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PTD016 Rabbit pAb

Catalog # AP96938

Product Information

Application	WB, E
Primary Accession	Q5M7Z0
Other Accession	Q5M7Z0
Predicted	Rat, Human, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49710
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PTD016
Epitope Specificity	31-130/435
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	RNFT1 (Ring Finger Protein, Transmembrane 1) is a Protein Coding gene. Diseases associated with RNFT1 include Sertoli Cell-Only Syndrome. An important paralog of this gene is RNFT2.

Additional Information

Gene ID	51136
Other Names	PTD016; RNFT1_HUMAN; RNFT1; Protein PTD016; RING finger and transmembrane domain-containing protein 1; 2.3.2.27; ring finger protein, transmembrane 1
Dilution	WB=1:500-2000,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.