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RNF133 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17599c

Product Information

Application	WB, E
Primary Accession	Q8WVZ7
Other Accession	NP_631914.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37620
Calculated MW	42294
Antigen Region	245-271

Additional Information

Gene ID	168433
Other Names	E3 ubiquitin-protein ligase RNF133, 632-, RING finger protein 133, RNF133
Target/Specificity	This RNF133 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 245-271 amino acids from the Central region of human RNF133.
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	RNF133 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RNF133 (HGNC:21154)
Function	Has E3 ubiquitin-protein ligase activity (By similarity). Plays a role in male fecundity through the interaction with the E2 ubituitin-protein ligase UBE2J1 (PubMed:35831855).

Cellular Location	Endoplasmic reticulum membrane; Single-pass membrane protein
Tissue Location	Expression is testis-specific.

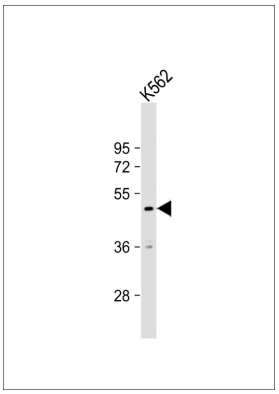
Background

The protein encoded by this gene contains a RING finger domain, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. This gene has no intron. [provided by RefSeq].

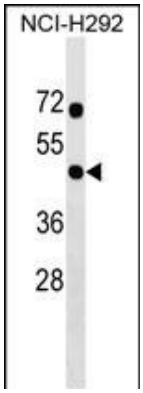
References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Saurin, A.J., et al. Trends Biochem. Sci. 21(6):208-214(1996)

Images



Anti-RNF133 Antibody (Center) at 1:1000 dilution + K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 42 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



RNF133 Antibody (Center) (Cat. #AP17599c) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the RNF133 antibody detected the RNF133 protein (arrow).

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