

RNF160 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16206c**Specification**

RNF160 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O94822
Other Accession	NP_056380.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	200552
Antigen Region	1087-1115

RNF160 Antibody (Center) - Additional Information**Gene ID** 26046**Other Names**

E3 ubiquitin-protein ligase listerin, 632-, RING finger protein 160, Zinc finger protein 294, LTN1, C21orf10, C21orf98, KIAA0714, RNF160, ZNF294

Target/Specificity

This RNF160 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1087-1115 amino acids from the Central region of human RNF160.

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

RNF160 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

RNF160 Antibody (Center) - Protein Information**Name** LTN1

Synonyms C21orf10, C21orf98, KIAA0714, RNF160, ZN

Function E3 ubiquitin-protein ligase component of the ribosome quality control complex (RQC), a ribosome-associated complex that mediates ubiquitination and extraction of incompletely synthesized nascent chains for proteasomal degradation (PubMed:[23685075](#), PubMed:[25132172](#), PubMed:[25578875](#), PubMed:[28757607](#)). Within the RQC complex, LTN1 is recruited to stalled 60S ribosomal subunits by NEMF and mediates ubiquitination of stalled nascent chains (PubMed:[25578875](#)). Ubiquitination leads to VCP/p97 recruitment for extraction and degradation of the incomplete translation product (By similarity).

Cellular Location

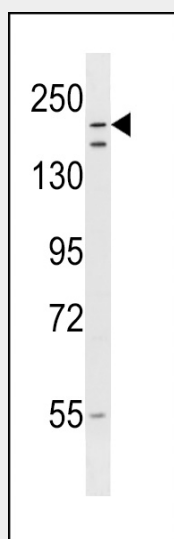
Cytoplasm, cytosol.

RNF160 Antibody (Center) - 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](#)

RNF160 Antibody (Center) - Images



RNF160 Antibody (Center) (Cat. #AP16206c) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the RNF160 antibody detected the RNF160 protein (arrow).

RNF160 Antibody (Center) - Background

Like most RING finger proteins, LTN1 functions as an E3 ubiquitin ligase (Chu et al., 2009 [PubMed 19196968]). [supplied by OMIM].

RNF160 Antibody (Center) - References

Bengtson, M.H., et al. Nature 467(7314):470-473(2010)

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :

Chu, J., et al. Proc. Natl. Acad. Sci. U.S.A. 106(7):2097-2103(2009)