

RNF160 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16206c**Specification**

RNF160 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O94822](#)**RNF160 Antibody (Center) Blocking Peptide - 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

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.

RNF160 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RNF160 Antibody (Center) Blocking Peptide - Images

RNF160 Antibody (Center) Blocking Peptide - Background

Like most RING finger proteins, LTN1 functions as an E3ubiquitin ligase (Chu et al., 2009 [PubMed 19196968]).[supplied byOMIM].

RNF160 Antibody (Center) Blocking Peptide - 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)