

LTV1 Homolog Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP1957b**Specification**

LTV1 Homolog Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q96GA3](#)**LTV1 Homolog Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 84946**Other Names**

Protein LTV1 homolog, LTV1, C6orf93

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1957b](/product/products/AP1957b) was selected from the C-term region of human LTV1 Homolog. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

LTV1 Homolog Antibody (C-term) Blocking Peptide - Protein Information**Name** LTV1**Synonyms** C6orf93**Function**

Essential for ribosome biogenesis.

Cellular Location

Cytoplasm. Note=The protein is expressed in a diffuse cytoplasmic pattern with granular perinuclear accentuation within the basal keratinocytes

Tissue Location

Expressed in the epidermis.

LTV1 Homolog Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

LTV1 Homolog Antibody (C-term) Blocking Peptide - Images

LTV1 Homolog Antibody (C-term) Blocking Peptide - Background

In eukaryotes, 40S and 60S ribosomal subunits are assembled in the nucleus and exported to the cytoplasm independently of one another. Nuclear export of the 60S requires the adapter protein Nmd3, but no analogous adapter has been identified for the 40S. Ltv1 is a nonessential, nonribosomal protein that is required for 40S subunit biogenesis in yeast. A human LTV1 homolog has been identified but not fully characterized. It has been proposed that Ltv1 functions as one of several possible adapter proteins that link the nuclear export machinery to the 40S subunit.

LTV1 Homolog Antibody (C-term) Blocking Peptide - References

Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002).