

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

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**LTV1 Homolog Antibody (C-term) Blocking Peptide - Product Information**Primary 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).