10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LTV1 Homolog Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP1957b

Specification

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 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.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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).