

RPL10A Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17096a**Specification**

RPL10A Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P62906](#)**RPL10A Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 4736**Other Names**

60S ribosomal protein L10a, CSA-19, Neural precursor cell expressed developmentally down-regulated protein 6, NEDD-6, RPL10A, NEDD6

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.

RPL10A Antibody (N-term) Blocking Peptide - Protein Information**Name** RPL10A**Synonyms** NEDD6**Function**

Component of the large ribosomal subunit (PubMed: [12962325](http://www.uniprot.org/citations/12962325), PubMed: [23636399](http://www.uniprot.org/citations/23636399), PubMed: [32669547](http://www.uniprot.org/citations/32669547)). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed: [12962325](http://www.uniprot.org/citations/12962325), PubMed: [23636399](http://www.uniprot.org/citations/23636399), PubMed: [32669547](http://www.uniprot.org/citations/32669547)).

Cellular Location

Cytoplasm.

RPL10A Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RPL10A Antibody (N-term) Blocking Peptide - Images

RPL10A Antibody (N-term) Blocking Peptide - Background

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L1P family of ribosomal proteins. It is located in the cytoplasm. The expression of this gene is downregulated in the thymus by cyclosporin-A (CsA), an immunosuppressive drug. Studies in mice have shown that the expression of the ribosomal protein L10a gene is downregulated in neural precursor cells during development. This gene previously was referred to as NEDD6 (neural precursor cell expressed, developmentally downregulated 6), but it has been renamed RPL10A (ribosomal protein 10a). As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq].

RPL10A Antibody (N-term) Blocking Peptide - References

Andersen, J.S., et al. Nature 433(7021):77-83(2005) Kapp, L.D., et al. Annu. Rev. Biochem. 73, 657-704 (2004) :Mungall, A.J., et al. Nature 425(6960):805-811(2003) Mazumder, B., et al. Cell 115(2):187-198(2003) Odintsova, T.I., et al. J. Protein Chem. 22(3):249-258(2003)