

RPL21 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9735c**Specification**

RPL21 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P46778](#)
Other Accession [NP_000973](#)

RPL21 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 6144

Other Names

60S ribosomal protein L21, RPL21

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.

RPL21 Antibody (Center) Blocking Peptide - Protein Information

Name RPL21

Function

Component of the large ribosomal subunit (PubMed:12962325, PubMed:23636399, PubMed:25957688, PubMed:25901680). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:12962325, PubMed:23636399, PubMed:25957688, PubMed:25901680).

Cellular Location

Cytoplasm, cytosol. Cytoplasm Endoplasmic reticulum {ECO:0000250|UniProtKB:P49666}. Note=Detected on cytosolic polysomes (PubMed:25957688). Detected in ribosomes that are associated with the rough endoplasmic reticulum (By similarity) {ECO:0000250|UniProtKB:P49666, ECO:0000269|PubMed:25957688}

RPL21 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RPL21 Antibody (Center) Blocking Peptide - Images

RPL21 Antibody (Center) 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. RPL21 is a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L21E family of ribosomal proteins. It is located in the cytoplasm.

RPL21 Antibody (Center) 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) Mazumder, B., et al. Cell 115(2):187-198(2003)