

RPL23 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12578c

Specification

RPL23 Antibody (Center) Blocking peptide - Product Information

Primary Accession [P62829](#)

RPL23 Antibody (Center) Blocking peptide - Additional Information

Gene ID 9349

Other Names

60S ribosomal protein L23, 60S ribosomal protein L17, RPL23

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.

RPL23 Antibody (Center) Blocking peptide - Protein Information

Name RPL23

Function

Component of the large ribosomal subunit. The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell.

Cellular Location

Cytoplasm.

RPL23 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

RPL23 Antibody (Center) Blocking peptide - Images

RPL23 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. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L14P family of ribosomal proteins. It is located in the cytoplasm. This gene has been referred to as rpL17 because the encoded protein shares amino acid identity with ribosomal protein L17 from *Saccharomyces cerevisiae*; however, its official symbol is RPL23. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed throughout the genome.

RPL23 Antibody (Center) Blocking peptide - References

Gehring, N.H., et al. Cell 137(3):536-548(2009) Wanzel, M., et al. Nat. Cell Biol. 10(9):1051-1061(2008) Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005) Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005) Jin, A., et al. Mol. Cell. Biol. 24(17):7669-7680(2004)