

RPL12 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16275c**Specification**

RPL12 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P30050](#)

RPL12 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 6136

Other Names

60S ribosomal protein L12, RPL12

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.

RPL12 Antibody (Center) Blocking Peptide - Protein Information

Name RPL12

Function

Component of the large ribosomal subunit (PubMed:25901680). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:25901680). Binds directly to 26S ribosomal RNA (PubMed:25901680).

Cellular Location

Cytoplasm

RPL12 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RPL12 Antibody (Center) Blocking Peptide - Images

RPL12 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 L11P family of ribosomal proteins. It is located in the cytoplasm. The protein binds directly to the 26S rRNA. This gene is co-transcribed with the U65 snoRNA, which is located in its fourth intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed throughout the genome.

RPL12 Antibody (Center) Blocking Peptide - References

Letra, A., et al. Am. J. Med. Genet. A 152A (7), 1701-1710 (2010) :Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) :Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)Olsen, J.V., et al. Cell 127(3):635-648(2006)Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)