

RPL15 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12772a**Specification**

RPL15 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [P61313](#)**RPL15 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 6138**Other Names**

60S ribosomal protein L15, RPL15, EC45

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.

RPL15 Antibody (N-term) Blocking peptide - Protein Information**Name** RPL15**Synonyms** EC45**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.

RPL15 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

RPL15 Antibody (N-term) Blocking peptide - Images**RPL15 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 L15E family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with the yeast ribosomal protein YL10 gene. Although this gene has been referred to as RPL10, its official symbol is RPL15. This gene has been shown to be overexpressed in some esophageal tumors compared to normal matched tissues. Transcript variants utilizing alternative polyA signals exist. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

RPL15 Antibody (N-term) Blocking peptide - References

Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) :Wang, H., et al. BMC Cancer 6, 91 (2006) :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)