

**RPL39 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11137c****Specification**

---

**RPL39 Antibody (Center) Blocking peptide - Product Information**Primary Accession [P62891](#)**RPL39 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 6170**Other Names**

60S ribosomal protein L39, RPL39

**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.

**RPL39 Antibody (Center) Blocking peptide - Protein Information****Name** RPL39**Function**

RNA-binding 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.

**RPL39 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**RPL39 Antibody (Center) Blocking peptide - Images****RPL39 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 S39E family of ribosomal proteins. It is located in the cytoplasm. In rat, the protein is the smallest, and one of the most basic, proteins of the ribosome. This gene is co-transcribed with the U69 small nucleolar RNA gene, which is located in its second intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed throughout the genome.

#### **RPL39 Antibody (Center) Blocking peptide - References**

Kapp, L.D., et al. Annu. Rev. Biochem. 73, 657-704 (2004) : Mazumder, B., et al. Cell 115(2):187-198(2003) Yoshihama, M., et al. Genome Res. 12(3):379-390(2002) Uechi, T., et al. Genomics 72(3):223-230(2001) Tsui, S.K., et al. Biochem. Mol. Biol. Int. 40(3):611-616(1996)