

**RPL31 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP19035c****Specification**

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**RPL31 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P62899](#)**RPL31 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 6160**Other Names**

60S ribosomal protein L31, RPL31

**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.

**RPL31 Antibody (Center) Blocking Peptide - Protein Information****Name** RPL31**Function**

Component of the large ribosomal subunit (PubMed:<a href="http://www.uniprot.org/citations/23636399" target="\_blank">23636399</a>, PubMed:<a href="http://www.uniprot.org/citations/32669547" target="\_blank">32669547</a>). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:<a href="http://www.uniprot.org/citations/23636399" target="\_blank">23636399</a>, PubMed:<a href="http://www.uniprot.org/citations/32669547" target="\_blank">32669547</a>).

**Cellular Location**

Cytoplasm.

**RPL31 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**RPL31 Antibody (Center) Blocking Peptide - Images**

### **RPL31 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 L31E family of ribosomal proteins. It is located in the cytoplasm. Higher levels of expression of this gene in familial adenomatous polyps compared to matched normal tissues have been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq].

### **RPL31 Antibody (Center) Blocking Peptide - References**

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006) Hillier, L.W., et al. Nature 434(7034):724-731(2005) Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)