

**RPL17 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9892b****Specification**

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**RPL17 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [P18621](#)**RPL17 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 6139**Other Names**

60S ribosomal protein L17, 60S ribosomal protein L23, PD-1, RPL17

**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.

**RPL17 Antibody (C-term) Blocking Peptide - Protein Information****Name** RPL17**Function**

Component of the large ribosomal subunit (PubMed:<a href="http://www.uniprot.org/citations/12962325" target="\_blank">12962325</a>, 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/12962325" target="\_blank">12962325</a>, 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.

**Tissue Location**

Expressed in pancreas, lung, colon, cystic duct, gall bladder, kidney and liver. Expressed at high levels in the well differentiated pancreatic tumor cell lines HPAF, COLO 357 and Capan-1, the moderately differentiated pancreatic tumor cell lines T3M-4, AsPc-1 and BxPc-3, the poorly differentiated pancreatic tumor cell line MIA PaCa-2, and the pancreatic tumor cell lines of undefined differentiation status such as SW979. Expressed at lower levels in the poorly

differentiated pancreatic tumor cell lines HCG-25 and PANC-1

### **RPL17 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **RPL17 Antibody (C-term) Blocking Peptide - Images**

### **RPL17 Antibody (C-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 L22P family of ribosomal proteins. It is located in the cytoplasm. This gene has been referred to as rpL23 because the encoded protein shares amino acid identity with ribosomal protein L23 from *Halobacterium marismortui*; however, its official symbol is RPL17.

### **RPL17 Antibody (C-term) Blocking Peptide - References**

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) Matsuda, A., et al. Oncogene 22(21):3307-3318(2003) Odintsova, T.I., et al. J. Protein Chem. 22(3):249-258(2003) Yoshihama, M., et al. Genome Res. 12(3):379-390(2002)