

**RPLP0 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9086b****Specification**

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**RPLP0 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P05388](#)**RPLP0 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 6175**Other Names**

60S acidic ribosomal protein P0, 60S ribosomal protein L10E, RPLP0

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9086b](/products/AP9086b) was selected from the Center region of human RPLP0. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**RPLP0 Antibody (Center) Blocking Peptide - Protein Information****Name** RPLP0**Function**

Ribosomal protein P0 is the functional equivalent of E.coli protein L10.

**Cellular Location**

Nucleus. Cytoplasm. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs (PubMed:19188445, PubMed:17289661).

**RPLP0 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **RPLP0 Antibody (Center) Blocking Peptide - Images**

### **RPLP0 Antibody (Center) Blocking Peptide - Background**

RPLP0 was catalyze synthesis by ribosomes, consisting 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 peotein encodes a ribosomal protein that is a component of the 60S subunit. The protein, which is the functional equivalent of the E. coli L10 ribosomal protein, belongs to the L10P family of ribosomal proteins. It is a neutral phosphoprotein with a C-terminal end that is nearly identical to the C-terminal ends of the acidic ribosomal phosphoproteins P1 and P2. This protein can interact with P1 and P2 to form a pentameric complex consisting of P1 and P2 dimers, and a P0 monomer. The protein is located in the cytoplasm.

### **RPLP0 Antibody (Center) Blocking Peptide - References**

Rinne,T., et.al., Hum. Mol. Genet. 17 (13), 1968-1977 (2008)Chang,T.W., et.al., Oncogene 27 (3), 332-338 (2008)