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RPLP2 Antibody (N-Term) Blocking Peptide
Synthetic peptide
Catalog # BP9327a

Specification

RPLP2 Antibody (N-Term) Blocking Peptide - Product Information

Primary Accession	P05387
Other Accession	NP_000995

RPLP2 Antibody (N-Term) Blocking Peptide - Additional Information

Gene ID 6181

Other Names
60S acidic ribosomal protein P2, Renal carcinoma antigen NY-REN-44, RPLP2, D11S2243E, RPP2

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.

RPLP2 Antibody (N-Term) Blocking Peptide - Protein Information

Name RPLP2

Synonyms D11S2243E, RPP2

Function
Plays an important role in the elongation step of protein synthesis.

RPLP2 Antibody (N-Term) Blocking Peptide - Protocols

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

- Blocking Peptides

RPLP2 Antibody (N-Term) Blocking Peptide - Images

RPLP2 Antibody (N-Term) Blocking Peptide - Background

RPLP2 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 protein

encodes a ribosomal phosphoprotein that is a component of the 60S subunit. The protein, which is a functional equivalent of the E. coli L7/L12 ribosomal protein, belongs to the L12P family of ribosomal proteins. It plays an important role in the elongation step of protein synthesis. Unlike most ribosomal proteins, which are basic, the encoded protein is acidic. Its C-terminal end is nearly identical to the C-terminal ends of the ribosomal phosphoproteins P0 and P1. The P2 protein can interact with P0 and P1 to form a pentameric complex consisting of P1 and P2 dimers, and a P0 monomer. The protein is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

RPLP2 Antibody (N-Term) Blocking Peptide - References

Martinez-Azorin,F. FEBS Lett. 582 (20), 3029-3032 (2008)Martinez-Azorin,F. Biochem. J. 413 (3), 527-534 (2008)Sugiyama,N. Mol. Cell Proteomics 6 (6), 1103-1109 (2007)