

**RPS15 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6914a****Specification**

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**RPS15 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [P62841](#)**RPS15 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 6209**Other Names**

40S ribosomal protein S15, RIG protein, RPS15, RIG

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6914a](/products/AP6914a) was selected from the N-term region of human RPS15. 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.

**RPS15 Antibody (N-term) Blocking Peptide - Protein Information****Name** RPS15**Synonyms** RIG**Function**

Component of the small ribosomal subunit (PubMed: [23636399](http://www.uniprot.org/citations/23636399)). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed: [23636399](http://www.uniprot.org/citations/23636399)).

**Cellular Location**

Cytoplasm.

## **RPS15 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **RPS15 Antibody (N-term) Blocking Peptide - Images**

## **RPS15 Antibody (N-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. RPS15 is a component of the 40S subunit. The protein belongs to the S19P family of ribosomal proteins. It is located in the cytoplasm.

## **RPS15 Antibody (N-term) Blocking Peptide - References**

Yu,Y., et.al., Protein Sci. 14 (6), 1438-1446 (2005)