

**RPS26 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP5261a****Specification**

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**RPS26 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [P62854](#)**RPS26 Antibody (N-term) Blocking Peptide - Additional Information**

Gene ID 6231

**Other Names**

40S ribosomal protein S26, RPS26

**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.

**RPS26 Antibody (N-term) Blocking Peptide - Protein Information**

Name RPS26

**Function**

Component of the small ribosomal subunit (PubMed:<a href="http://www.uniprot.org/citations/23636399" target="\_blank">23636399</a>, PubMed:<a href="http://www.uniprot.org/citations/25901680" target="\_blank">25901680</a>, PubMed:<a href="http://www.uniprot.org/citations/25957688" target="\_blank">25957688</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/25901680" target="\_blank">25901680</a>, PubMed:<a href="http://www.uniprot.org/citations/25957688" target="\_blank">25957688</a>).

**Cellular Location**

Cytoplasm, cytosol. Cytoplasm Rough endoplasmic reticulum {ECO:0000250|UniProtKB:P49171} Note=Detected on cytosolic polysomes (PubMed:25957688). Detected in ribosomes that are associated with the rough endoplasmic reticulum (By similarity). {ECO:0000250|UniProtKB:P49171, ECO:0000269|PubMed:25957688}

**RPS26 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **RPS26 Antibody (N-term) Blocking Peptide - Images**

#### **RPS26 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. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S26E family of ribosomal proteins. It 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.

#### **RPS26 Antibody (N-term) Blocking Peptide - References**

Doherty, L., et al. Am. J. Hum. Genet. 86(2):222-228(2010) Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009) Nature 447(7145):661-678(2007)