

**RPS20 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16187a****Specification**

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**RPS20 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [P60866](#)**RPS20 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 6224**Other Names**

40S ribosomal protein S20, RPS20

**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.

**RPS20 Antibody (N-term) Blocking Peptide - Protein Information****Name** RPS20**Function**

Component of the small ribosomal subunit (PubMed:&lt;a href="http://www.uniprot.org/citations/23636399" target="\_blank"&gt;23636399&lt;/a&gt;). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:&lt;a href="http://www.uniprot.org/citations/23636399" target="\_blank"&gt;23636399&lt;/a&gt;).

**Cellular Location**

Cytoplasm.

**RPS20 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**RPS20 Antibody (N-term) Blocking Peptide - Images****RPS20 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 S10P family of ribosomal proteins. It is located in the cytoplasm. This gene is co-transcribed with the small nucleolar RNA gene U54, which is located in its second intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Two transcript variants encoding different isoforms have been identified for this gene.

#### **RPS20 Antibody (N-term) Blocking Peptide - References**

Zhao, J., et al. BMC Med. Genet. 11, 96 (2010) : Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Frum, R., et al. J. Proteome Res. 6(4):1410-1417(2007) Wang, A.G., et al. Biochem. Biophys. Res. Commun. 345(3):1022-1032(2006) De Bortoli, M., et al. BMC Cancer 6, 223 (2006) :