

**PRP4 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7551a****Specification**

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**PRP4 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q13523](#)**PRP4 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 8899**Other Names**

Serine/threonine-protein kinase PRP4 homolog, PRP4 kinase, PRP4 pre-mRNA-processing factor 4 homolog, PRPF4B, KIAA0536, PRP4, PRP4H, PRP4K

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7551a](/product/products/AP7551a) was selected from the N-term region of human PRP4 . 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.

**PRP4 Antibody (N-term) Blocking Peptide - Protein Information****Name** PRPF4B**Synonyms** KIAA0536, PRP4, PRP4H, PRP4K**Function**

Has a role in pre-mRNA splicing. Phosphorylates SF2/ASF.

**Cellular Location**

Nucleus.

**Tissue Location**

Ubiquitous.

## **PRP4 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **PRP4 Antibody (N-term) Blocking Peptide - Images**

## **PRP4 Antibody (N-term) Blocking Peptide - Background**

Pre-mRNA splicing occurs in two sequential transesterification steps, and PRP4 is thought to be involved in pre-mRNA splicing and in signal transduction. This protein belongs to a kinase family that includes serine/arginine-rich protein-specific kinases and cyclin-dependent kinases (CDKs). This protein is regarded as a CDK-like kinase (Clk) with homology to mitogen-activated protein kinases (MAPKs).

## **PRP4 Antibody (N-term) Blocking Peptide - References**

Dellaire, G., et al., Mol. Cell. Biol. 22(14):5141-5156 (2002). Kojima, T., et al., J. Biol. Chem. 276(34):32247-32256 (2001). Huang, Y., et al., Biochem. Biophys. Res. Commun. 271(2):456-463 (2000). Gross, T., et al., Nucleic Acids Res. 25(5):1028-1035 (1997).