

**POLR2J Antibody (C-Term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11300b****Specification**

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**POLR2J Antibody (C-Term) Blocking peptide - Product Information**

Primary Accession [P52435](#)

**POLR2J Antibody (C-Term) Blocking peptide - Additional Information**

**Gene ID** 5439

**Other Names**

DNA-directed RNA polymerase II subunit RPB11-a, RNA polymerase II subunit B11-a, RPB11a,  
DNA-directed RNA polymerase II subunit J-1, RNA polymerase II 133 kDa subunit, POLR2J, POLR2J1

**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.

**POLR2J Antibody (C-Term) Blocking peptide - Protein Information**

**Name** POLR2J

**Synonyms** POLR2J1

**Function**

Core component of RNA polymerase II (Pol II), a DNA-dependent RNA polymerase which synthesizes mRNA precursors and many functional non-coding RNAs using the four ribonucleoside triphosphates as substrates.

**Cellular Location**

Nucleus.

**Tissue Location**

Ubiquitously expressed. High expression was found in heart and skeletal muscle.

**POLR2J Antibody (C-Term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **POLR2J Antibody (C-Term) Blocking peptide - Images**

#### **POLR2J Antibody (C-Term) Blocking peptide - Background**

This gene encodes a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene exists as a heterodimer with another polymerase subunit; together they form a core subassembly unit of the polymerase. Two similar genes are located nearby on chromosome 7q22.1 and a pseudogene is found on chromosome 7p13.

#### **POLR2J Antibody (C-Term) Blocking peptide - References**

Michiels, S., et al. Carcinogenesis 30(5):763-768(2009) Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005) Shpakovskii, D.G., et al. Bioorg. Khim. 30(6):621-625(2004) Zhou, M., et al. Proc. Natl. Acad. Sci. U.S.A. 100(22):12666-12671(2003) Kaehlcke, K., et al. Mol. Cell 12(1):167-176(2003)