

RPA43 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP5260b**Specification**

RPA43 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q3B726](#)**RPA43 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 221830**Other Names**

DNA-directed RNA polymerase I subunit RPA43, Twist neighbor protein, TWISTNB

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.

RPA43 Antibody (C-term) Blocking Peptide - Protein Information**Name** POLR1F ([HGNC:18027](#))**Function**

Component of RNA polymerase I (Pol I), a DNA-dependent RNA polymerase which synthesizes ribosomal RNA precursors using the four ribonucleoside triphosphates as substrates. Through its association with RRN3/TIF-IA may be involved in recruitment of Pol I to rDNA promoters.

Cellular Location

Nucleus, nucleolus.

Tissue Location

Widely expressed. Expressed in all fetal and adult tissues tested, with highest expression in fetal lung, liver, and kidney, and low expression in all adult tissues

RPA43 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RPA43 Antibody (C-term) Blocking Peptide - Images**RPA43 Antibody (C-term) Blocking Peptide - Background**

RPA43 is DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. It is component of RNA polymerase I which synthesizes ribosomal RNA precursors. Through its association with RRN3/TIF-IA may be involved in recruitment of Pol I to rDNA promoters.

RPA43 Antibody (C-term) Blocking Peptide - References

Olsen, J.V., et al. Cell 127(3):635-648(2006)Yuan, X., et al. EMBO Rep. 3(11):1082-1087(2002)Kosan, C., et al. Cytogenet. Genome Res. 97 (3-4), 167-170 (2002)