

POLR1E Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17099c**Specification**

POLR1E Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O9GZS1](#)**POLR1E Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 64425**Other Names**

DNA-directed RNA polymerase I subunit RPA49, RNA polymerase I subunit A49, DNA-directed RNA polymerase I subunit E, RNA polymerase I-associated factor 1, RNA polymerase I-associated factor 53, POLR1E, PAF53, PRAF1

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.

POLR1E Antibody (Center) Blocking Peptide - Protein Information**Name** POLR1E**Synonyms** PAF53 {ECO:0000303|PubMed:24207024}, PRA**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 (PubMed:24207024, PubMed:34671025, PubMed:34887565, PubMed:36271492). Appears to be involved in the formation of the initiation complex at the promoter by mediating the interaction between Pol I and UBTF/UBF (PubMed:24207024).

Cellular Location

Nucleus, nucleolus

POLR1E Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

POLR1E Antibody (Center) Blocking Peptide - Images

POLR1E Antibody (Center) Blocking Peptide - Background

DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. Appears to be involved in the formation of the initiation complex at the promoter by mediating the interaction between Pol I and UBTF/UBF (By similarity).

POLR1E Antibody (Center) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)
:Percipalle, P., et al. EMBO Rep. 7(5):525-530(2006)Yamamoto, K., et al. Mol. Cell. Biol. 24(14):6338-6349(2004)Humphray, S.J., et al. Nature 429(6990):369-374(2004)