

GTF3C6 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10219c**Specification**

GTF3C6 Antibody (Center) Blocking peptide - Product Information

Primary Accession [O969F1](#)
Other Accession [NP_612417.1](#)

GTF3C6 Antibody (Center) Blocking peptide - Additional Information

Gene ID 112495

Other Names

General transcription factor 3C polypeptide 6, Transcription factor IIIC 35 kDa subunit, TFIIIC 35 kDa subunit, TFIIIC35, Transcription factor IIIC subunit 6, GTF3C6, C6orf51

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.

GTF3C6 Antibody (Center) Blocking peptide - Protein Information

Name GTF3C6

Synonyms C6orf51

Function

Involved in RNA polymerase III-mediated transcription. Integral, tightly associated component of the DNA-binding TFIIIC2 subcomplex that directly binds tRNA and virus-associated RNA promoters.

Cellular Location

Nucleus.

GTF3C6 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

GTF3C6 Antibody (Center) Blocking peptide - Images

GTF3C6 Antibody (Center) Blocking peptide - Background

RNA polymerases are unable to initiate RNA synthesis in the absence of additional proteins called general transcription factors (GTFs). GTFs assemble in a complex on the DNA promoter and recruit the RNA polymerase. GTF3C family proteins (e.g., GTF3C1, MIM 603246) are essential for RNA polymerase III to make a number of small nuclear and cytoplasmic RNAs, including 5S RNA (MIM180420), tRNA, and adenovirus-associated (VA) RNA of both cellular and viral origin.

GTF3C6 Antibody (Center) Blocking peptide - References

Dumay-Odelot, H., et al. J. Biol. Chem. 282(23):17179-17189(2007)