

TCEA3 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16463c**Specification**

TCEA3 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O75764](#)**TCEA3 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 6920**Other Names**

Transcription elongation factor A protein 3, Transcription elongation factor S-II protein 3, Transcription elongation factor TFIISH, TCEA3, TFIISH

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.

TCEA3 Antibody (Center) Blocking Peptide - Protein Information**Name** TCEA3**Synonyms** TFIISH**Function**

Necessary for efficient RNA polymerase II transcription elongation past template-encoded arresting sites. The arresting sites in DNA have the property of trapping a certain fraction of elongating RNA polymerases that pass through, resulting in locked ternary complexes. Cleavage of the nascent transcript by S-II allows the resumption of elongation from the new 3'-terminus.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00649, ECO:0000255|PROSITE-ProRule:PRU00651}

TCEA3 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TCEA3 Antibody (Center) Blocking Peptide - Images**TCEA3 Antibody (Center) Blocking Peptide - Background**

TCEA3 is necessary for efficient RNA polymerase II transcription elongation past template-encoded arresting sites. The arresting sites in DNA have the property of trapping a certain fraction of elongating RNA polymerases that pass through, resulting in locked ternary complexes. Cleavage of the nascent transcript by S-II allows the resumption of elongation from the new 3'-terminus.

TCEA3 Antibody (Center) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Kim, J., et al. Cell 140(4):491-503(2010)Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Labhart, P., et al. Genomics 52(3):278-288(1998)