

TCEA3 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16463c**Specification**

TCEA3 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O75764
Other Accession	NP_003187.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	38972
Antigen Region	102-130

TCEA3 Antibody (Center) - 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

Target/Specificity

This TCEA3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 102-130 amino acids from the Central region of human TCEA3.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TCEA3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TCEA3 Antibody (Center) - 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

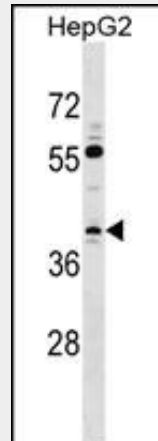
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00649, ECO:0000255|PROSITE-ProRule:PRU00651}

TCEA3 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TCEA3 Antibody (Center) - Images



TCEA3 Antibody (Center) (Cat. #AP16463c) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the TCEA3 antibody detected the TCEA3 protein (arrow).

TCEA3 Antibody (Center) - 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) - 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)