

TCEA1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14761c**Specification**

TCEA1 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	P23193
Other Accession	NP_006747.1 , NP_958845.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	33970
Antigen Region	98-126

TCEA1 Antibody (Center) - Additional Information**Gene ID** 6917**Other Names**

Transcription elongation factor A protein 1, Transcription elongation factor S-II protein 1,
Transcription elongation factor TFIISo, TCEA1, GTF2S, TFIIS

Target/Specificity

This TCEA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 98-126 amino acids from the Central region of human TCEA1.

Dilution

WB~~1:1000
IHC-P~~1:10~50

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

TCEA1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TCEA1 Antibody (Center) - Protein Information**Name** TCEA1

Synonyms GTF2S, TFIIS

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.

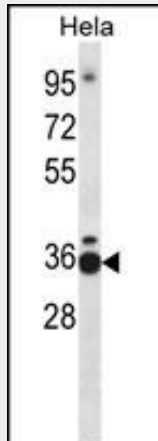
Cellular Location

Nucleus.

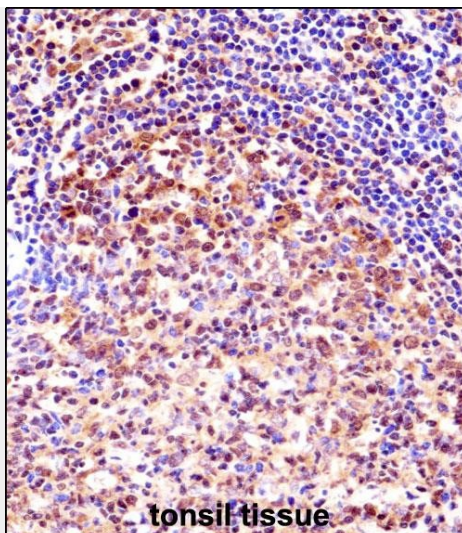
TCEA1 Antibody (Center) - Protocols

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](#)

TCEA1 Antibody (Center) - Images

TCEA1 Antibody (Center) (Cat. #AP14761c) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the TCEA1 antibody detected the TCEA1 protein (arrow).



TCEA1 Antibody (Center) (AP14761c) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TCEA1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

TCEA1 Antibody (Center) - Background

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.

TCEA1 Antibody (Center) - References

Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Matsuoka, S., et al. Science 316(5828):1160-1166(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Asp, J., et al. Genes Chromosomes Cancer 45(9):820-828(2006)