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TCEB3 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14198c

Specification

TCEB3 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q14241
Other Accession	NP_003189.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**87230**
Antigen Region	**253-282**

TCEB3 Antibody (Center) - Additional Information

Gene ID 6924

Other Names
Transcription elongation factor B polypeptide 3, Elongin 110 kDa subunit, Elongin-A, EloA, RNA polymerase II transcription factor SIII subunit A1, SIII p110, TCEB3

Target/Specificity
This TCEB3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 253-282 amino acids from the Central region of human TCEB3.

Dilution
WB~~1:1000

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
TCEB3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TCEB3 Antibody (Center) - Protein Information

Name ELOA (HGNC:11620)

Synonyms TCEB3

Function SIII, also known as elongin, is a general transcription elongation factor that increases the RNA polymerase II transcription elongation past template-encoded arresting sites. Subunit A is transcriptionally active and its transcription activity is strongly enhanced by binding to the dimeric complex of the SIII regulatory subunits B and C (elongin BC complex).

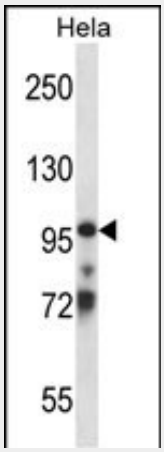
Cellular Location
Nucleus. Note=Localizes to sites of DNA damage.

TCEB3 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 Cytomety
- Cell Culture

TCEB3 Antibody (Center) - Images



TCEB3 Antibody (Center) (Cat. #AP14198c) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the TCEB3 antibody detected the TCEB3 protein (arrow).

TCEB3 Antibody (Center) - Background

This gene encodes the protein elongin A, which is a subunit of the transcription factor B (SIII) complex. The SIII complex is composed of elongins A/A2, B and C. It activates elongation by RNA polymerase II by suppressing transient pausing of the polymerase at many sites within transcription units. Elongin A functions as the transcriptionally active component of the SIII complex, whereas elongins B and C are regulatory subunits. Elongin A2 is specifically expressed in the testis, and capable of forming a stable complex with elongins B and C. The von Hippel-Lindau tumor suppressor protein binds to elongins B and C, and thereby inhibits transcription elongation.

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TCEB3 Antibody (Center) - References

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Olsen, J.V., et al. Cell 127(3):635-648(2006)
Woo, J.S., et al. EMBO J. 25(6):1353-1363(2006)
Andersen, J.S., et al. Nature 433(7021):77-83(2005)
Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)