

Product datasheet for **TA330044**

Elongin A (TCEB3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TCEB3 antibody: synthetic peptide directed towards the C terminal of human TCEB3. Synthetic peptide located within the following region: AYDGPSTSSAHLAPVVSSTVSYPDKPTVKKIAPMMAKTIKAFKNRFSRR
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	87 kDa
Gene Name:	transcription elongation factor B subunit 3
Database Link:	NP_003189 Entrez Gene 6924 Human Q14241



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Background:

Elongin A (TCEB3), 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. 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.

Synonyms:

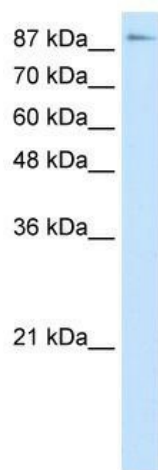
EloA; SIII; SIII p110; TCEB3A

Note:

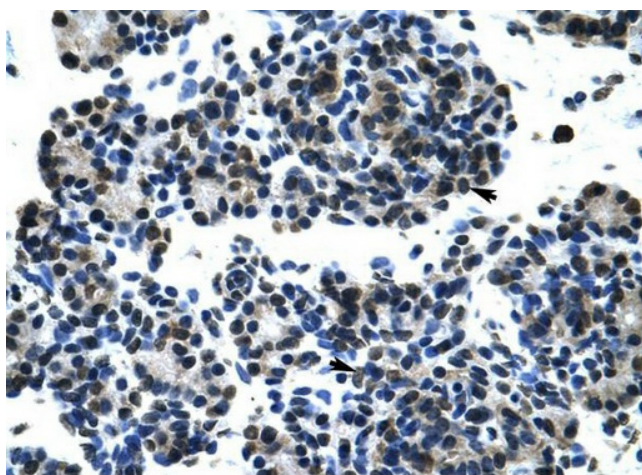
Immunogen sequence homology: Dog: 100%; Chicken: 92%; Rat: 92%; Guinea pig: 91%

Protein Families:

Transcription Factors

Product images:


WB Suggested Anti-TCEB3 Antibody Titration:
7.5ug/ml; Positive Control: Transfected
293TTCEB3 is strongly supported by BioGPS gene
expression data to be expressed in Human
HEK293T cells



Rabbit Anti-TCEB3 Antibody

Human Pancreas