

## TCEB3

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 90kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human TCEB3

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

e

**Synonym:**

EloA; SIII; TCEB3A; SIII p110;

**Catalog #:** A6994

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 6924

**Isotype:** IgG

**Swiss Prot:** Q14241

**Purity:** Affinity purification

For research use only.

**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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