

# TCEB3 Rabbit pAb

**Catalog No.: A6994**

## Basic Information

**Observed MW**

105kDa

**Calculated MW**

90kDa

**Category**

Primary antibody

**Applications**

ELISA,WB,IF/ICC

**Cross-Reactivity**

Human, Mouse, Rat

## 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.

## Recommended Dilutions

**WB** 1:500 - 1:2000**IF/ICC** 1:50 - 1:200

## Immunogen Information

**Gene ID**

6924

**Swiss Prot**

Q14241

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 679-798 of human TCEB3 (NP\_003189.2).

**Synonyms**

SIII; TCEB3; TCEB3A; SIII p110

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

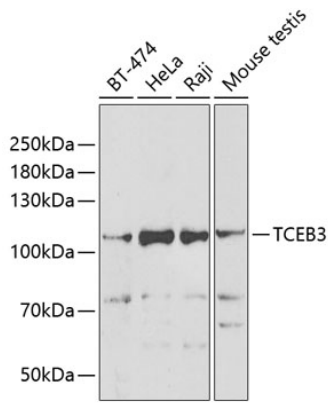
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

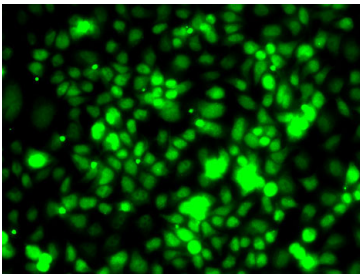
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using TCEB3 antibody (A6994) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 30s.



Immunofluorescence analysis of MCF7 cells using TCEB3 antibody (A6994).