

## Elongin A1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP02923
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human TCEB3. AA range:131-180
<b>Mol wt</b>	87230
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Elongin A1 Antibody
<b>Synonyms</b>	TCEB3; MSTP059; Transcription elongation factor B polypeptide 3; Elongin 110 kDa subunit; Elongin-A; EloA; RNA polymerase II transcription factor SIII subunit A1; SIII p110

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

TCEB3 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 Dilution

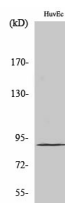
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

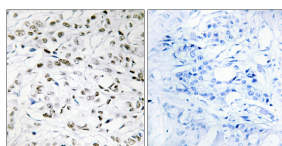
ELISA: 1: 5000

Not yet tested in other applications.

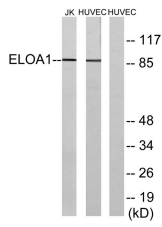
### Images



Western Blot analysis of various cells using Elongin A1 Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using ELOA1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC cells and Jurkat cells, using ELOA1 Antibody. The lane on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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