

## Product datasheet for **AP54200PU-N**

### **ELOB (N-term) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	ELISA: 1:1;000. Western blot: 1:100~500.
<b>Reactivity:</b>	Human, Mouse
<b>Host:</b>	Rabbit
<b>Isotype:</b>	Ig
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 1-29 amino acids from the N-terminal region of human TCEB2
<b>Specificity:</b>	This antibody detects TCEB2 (N-term).
<b>Formulation:</b>	PBS State: Aff - Purified State: Liquid Ig fraction Preservative: 0.09% (W/V) sodium azide
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Protein A column followed by peptide affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	transcription elongation factor B subunit 2
<b>Database Link:</b>	<a href="#">Entrez Gene 67673 Mouse</a> <a href="#">Entrez Gene 6923 Human</a> <a href="#">Q15370</a>



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**Background:**

This gene encodes the protein elongin B, 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. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. Pseudogenes have been identified on chromosomes 11 and 13.

**Synonyms:**

Elongin 18 kDa subunit, Elongin-B, Elongin B, EloB

**Note:**

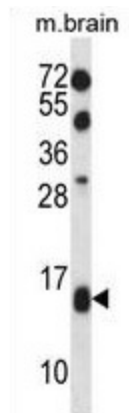
**Molecular Weight:** 13133 Da

**Protein Families:**

Druggable Genome, Transcription Factors

**Protein Pathways:**

Pathways in cancer, Renal cell carcinoma, Ubiquitin mediated proteolysis

**Product images:**

TCEB2 Antibody (N-term) western blot analysis in mouse brain tissue lysates (35 ug/lane). This demonstrates the TCEB2 antibody detected the TCEB2 protein (arrow).