

# Elongin A1 rabbit pAb

Cat No.:ES2253

For research use only

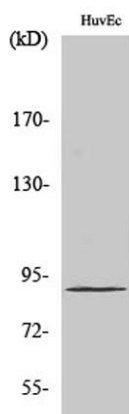
## Overview

|                          |  |
|--------------------------|--|
| Product Name             | Elongin A1 rabbit pAb  |
| Host species             | Rabbit   |
| Applications             | WB;IHC;IF;ELISA  |
| Species Cross-Reactivity | Human;Mouse;Rat  |
| Recommended dilutions    | Western Blot: 1/500 - 1/2000.<br>Immunohistochemistry: 1/100 - 1/300. ELISA:<br>1/5000. Not yet tested in other applications.  |
| Immunogen                | The antiserum was produced against synthesized peptide derived from human TCEB3. AA range:131-180  |
| Specificity              | Elongin A1 Polyclonal Antibody detects endogenous levels of Elongin A1 protein.  |
| Formulation              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| Storage                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| Protein Name             | Transcription elongation factor B polypeptide 3  |
| Gene Name                | TCEB3  |
| Cellular localization    | Nucleus .  |
| Purification             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| Clonality                | Polyclonal   |
| Concentration            | 1 mg/ml  |
| Observed band            | 87kD   |
| Human Gene ID            | 6924   |
| Human Swiss-Prot Number  | Q14241   |
| Alternative Names        | 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 |
| 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                   |



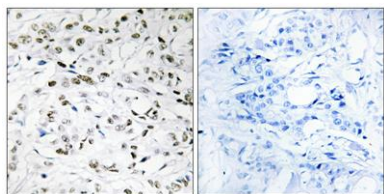


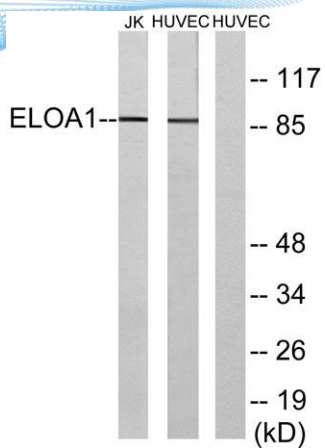
and C. It activates elongation by RNA polymerase II by suppressing transient pausing of the polymerase at many sites within transcription units. Elongin A functions as the transcriptionally active component of the SIII complex, whereas elongins B and C are regulatory subunits. Elongin A2 is specifically 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. [provided by RefSeq, Jul 2008],



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.

