



Elongin A1 rabbit pAb

Cat No.:ES2253

For research use only

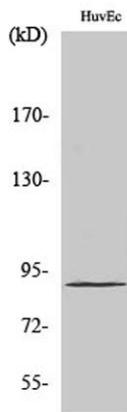
Overview

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. Immunohistochemistry: 1/100 - 1/300. ELISA: 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



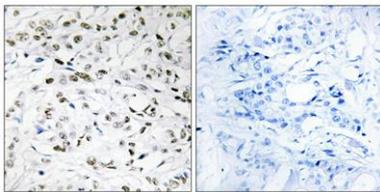


and C. It activates elongation by RNA polymerase II by suppressing transient pausing of the polymerase at many sites within transcription units. Elongin A functions as the transcriptionally active component of the SIII complex, whereas elongins B and C are regulatory subunits. Elongin A2 is specifically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



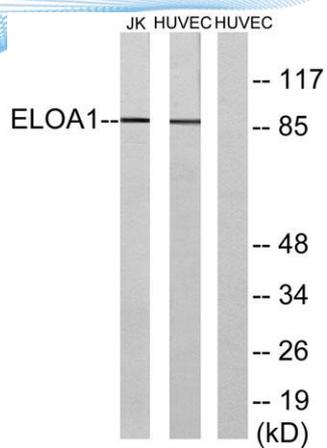
Western Blot analysis of various cells using Elongin A1 Polyclonal Antibody

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





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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.



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