

## Elongin A2/3 Polyclonal Antibody

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| <b>Catalog No :</b>          | YT1533  |
| <b>Reactivity :</b>          | Human;Rat;Mouse;  |
| <b>Applications :</b>        | IF;ELISA  |
| <b>Target :</b>              | Elongin A2/3  |
| <b>Gene Name :</b>           | TCEB3B/TCEB3C   |
| <b>Protein Name :</b>        | RNA polymerase II transcription factor SIII subunit A2/3  |
| <b>Human Gene Id :</b>       | 51224/162699  |
| <b>Human Swiss Prot No :</b> | Q8IYF1/Q8NG57   |
| <b>Immunogen :</b>           | The antiserum was produced against synthesized peptide derived from human ELOA2. AA range:101-150                     |
| <b>Specificity :</b>         | Elongin A2/3 Polyclonal Antibody detects endogenous levels of Elongin A2/3 protein.                                   |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG  |
| <b>Dilution :</b>            | IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.   |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Concentration :</b>       | 1 mg/ml   |
| <b>Storage Stability :</b>   | -15°C to -25°C/1 year(Do not lower than -25°C)  |
| <b>Molecularweight :</b>     | 84kD  |
| <b>Background :</b>          | This gene encodes the transcriptionally active subunit of the SIII (or elongin)                                       |

transcription elongation factor complex, which also includes two regulatory subunits, elongins B and C. This complex acts to increase the rate of RNA chain elongation by RNA polymerase II by suppressing transient pausing of the polymerase at many sites along the DNA template. Whereas a related protein with similar function, elongin A, is ubiquitously expressed, the encoded protein is specifically expressed in the testis, suggesting it may have a role in spermatogenesis. [provided by RefSeq, Jul 2008],

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**Function :**

domain:The elongin BC complex binding domain is also known as BC-box with the consensus [APST]-L-x(3)-C-x(3)-[AILV].,function:SIII, also known as elongin, is a general transcription elongation factor that increases the RNA polymerase II transcription elongation past template-encoded arresting sites. Subunit A2 is transcriptionally active but its transcription activity is not enhanced by binding to the dimeric complex of the SIII regulatory subunits B and C (elongin BC complex).,similarity:Contains 1 TFIIS N-terminal domain.,subunit:Heterotrimer of an A (A1, A2 or A3), B and C subunit.,tissue specificity:Specifically expressed in testis.,

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**Subcellular Location :**

Nucleus .

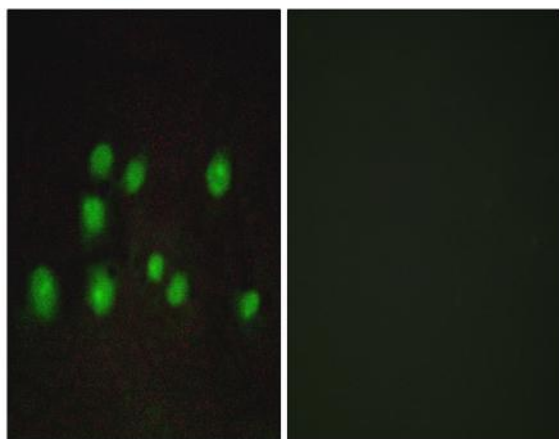
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**Expression :**

Specifically expressed in testis.

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## Products Images



Immunofluorescence analysis of A549 cells, using ELOA2 Antibody. The picture on the right is blocked with the synthesized peptide.