

Product Name: Elongin A3 Rabbit Polyclonal Antibody
Catalog #: APRab10421



Summary

Production Name	Elongin A3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TCEB3C
Alternative Names	TCEB3C; TCEB3L2; RNA polymerase II transcription factor SIII subunit A3; Elongin-A3; EloA3; Transcription elongation factor B polypeptide 3C
Gene ID	162699.0
SwissProt ID	Q8NG57.The antiserum was produced against synthesized peptide derived from human ELOA3. AA range:381-430

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:20000.Not yet tested in other applications.
Molecular Weight	60kDa

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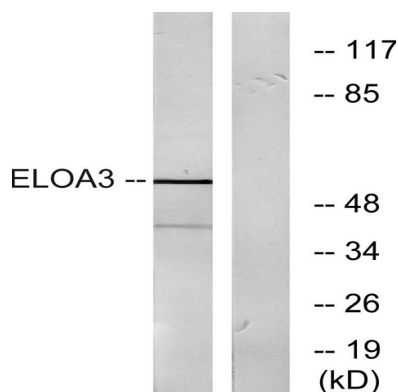


Background

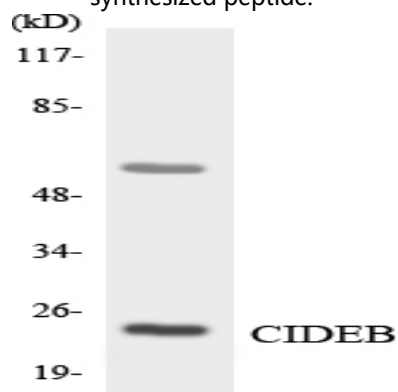
The SIII (or elongin) transcription elongation factor complex stimulates the rate of transcription elongation by RNA polymerase II by suppressing the transient pausing of the polymerase at many sites along the DNA template. This complex is a heterotrimer, composed of the transcriptionally active subunit A, A2 or A3 (or elongin A, A2 or A3) and two regulatory subunits, B and C (or elongin B and C). This gene encodes subunit A3. A3 and A are ubiquitously expressed, whereas A2 is specifically expressed in the testis. [provided by RefSeq, Mar 2010],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 A3 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 TFIIIS N-terminal domain,subunit:Heterotrimer of an A (A1, A2 or A3), B and C subunit,tissue specificity:Widely expressed.,

Research Area

Image Data



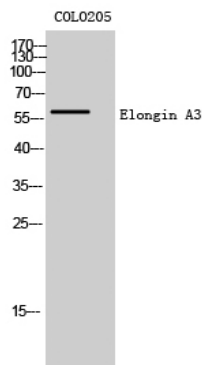
Western blot analysis of lysates from COLO205 cells, using ELOA3 Antibody. The lane on the right is blocked with the synthesized peptide.



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Western blot analysis of the lysates from COLO205 cells using CIDEA antibody.



Western Blot analysis of COLO205 cells using Elongin A3 Polyclonal Antibody cells nucleus extracted by Minute TM
Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

Note

For research use only.