



# Elongin A3 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-00387
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	TCEB3C
<b>Protein Name</b>	RNA polymerase II transcription factor SIII subunit A3
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ELOA3. AA range:381-430
<b>Specificity</b>	Elongin A3 Polyclonal Antibody detects endogenous levels of Elongin A3 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>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	TCEB3C; TCEB3L2; RNA polymerase II transcription factor SIII subunit A3; Elongin-A3; EloA3; Transcription elongation factor B polypeptide 3C
<b>Observed Band</b>	60kD
<b>Cell Pathway</b>	integral component of membrane,elongin complex,
<b>Tissue Specificity</b>	
<b>Function</b>	domain:The elongin BC complex binding domain is also known as BC-box with the consensus [APST]-L-x(3)-C-x(3)-[AIIIV]..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.,
<b>Background</b>	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],

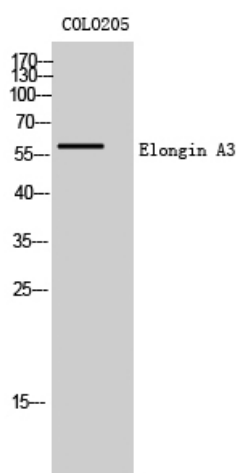
#### matters needing attention

Avoid repeated freezing and thawing!

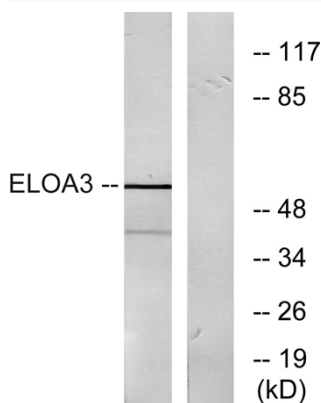
#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

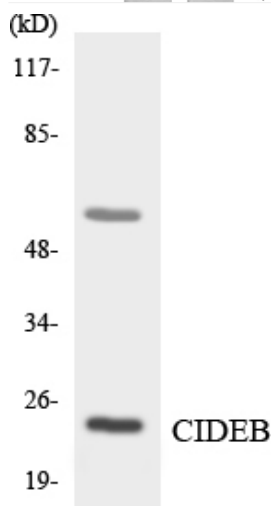
## Products Images



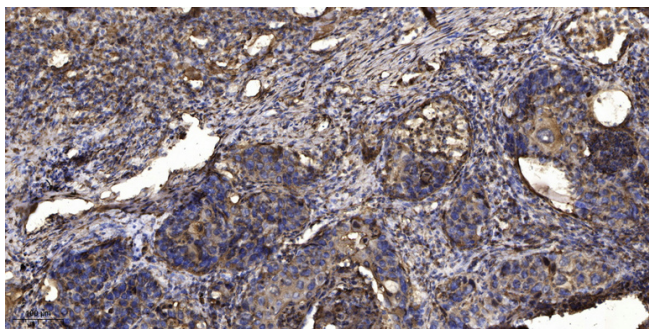
Western Blot analysis of COLO205 cells using Elongin A3 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



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



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



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).