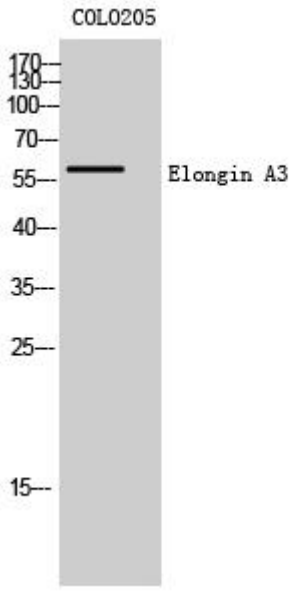
Elongin A3 Monoclonal Antibody

Catalog No	YP-mAb-00387
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	TCEB3C
Protein Name	RNA polymerase II transcription factor SIII subunit A3
Immunogen	The antiserum was produced against synthesized peptide derived from human ELOA3. AA range:381-430
Specificity	Elongin A3 Monoclonal Antibody detects endogenous levels of Elongin A3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TCEB3C; TCEB3L2; RNA polymerase II transcription factor SIII subunit A3; Elongin-A3; EloA3; Transcription elongation factor B polypeptide 3C
Observed Band	60kD
Cell Pathway	integral component of membrane,elongin complex,
Tissue Specificity	
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 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 TFIIS N-terminal domain.,subunit:Heterotrimer of an A (A1, A2 or A3), B and C subunit.,tissue specificity:Widely expressed.,
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],
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 various cells using Elongin A3 Monoclonal Antibody