

Product Name: KD-Validated Transcription Elongation Factor A1 Recombinant Rabbit Monoclonal Antibody

Catalog #: KVA01720

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 34.0kDa

Antigen Information

Gene Name	TCEA1
Alternative Names	TCEA1; Transcription Elongation Factor A1; TFIIS; GTF2S; TF2S; SII; Transcription Elongation Factor S-II Protein 1; Transcription Elongation Factor A Protein 1; Transcription Elongation Factor A (SII), 1; Transcription Elongation Factor TFIIS.O; Transcription Factor IIS; TCEA; Epididymis Secretory Sperm Binding Protein
Gene ID	6917.0
SwissProt ID	P23193
Immunogen	A synthesized peptide derived from human TCEA1

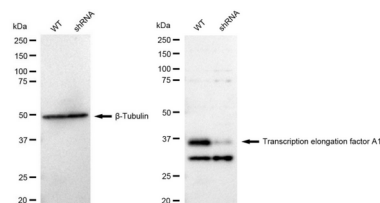
Background

Predicted to enable DNA binding activity; translation elongation factor activity; and zinc ion binding activity. Predicted to be involved in positive regulation of transcription by RNA polymerase II. Predicted to act upstream of or within erythrocyte differentiation and positive regulation of DNA-templated transcription. Located in nucleolus and nucleoplasm. Part of transcription factor TFIID complex. [provided by Alliance of Genome Resources, Jul 2025]

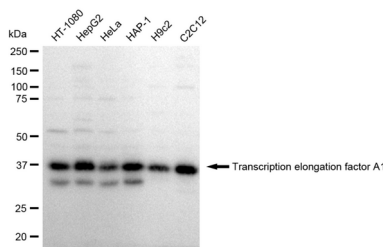
Research Area

Epigenetics and Nuclear Signaling

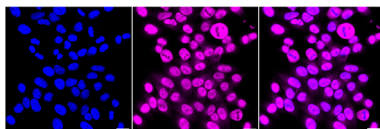
Image Data



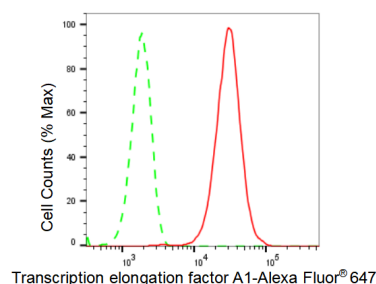
Western blotting analysis using transcription elongation factor A1 antibody (KVA01720). Transcription elongation factor A1 expression in wild type (WT) and transcription elongation factor A1 (TCEA1) shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with transcription elongation factor A1 antibody (KVA01720, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using Transcription elongation factor A1 antibody (KVA01720). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Transcription elongation factor A1 antibody (KVA01720, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with Transcription elongation factor A1 antibody (KVA01720, 1:1,000). Nuclei were stained blue with DAPI; Transcription elongation factor A1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: High. Scale bar: 20 µm.



Flow cytometric analysis of Transcription elongation factor A1 expression in HepG2 cells using Transcription elongation factor A1 antibody (KVA01720, 1:2,000). Green, isotype control; red, Transcription elongation factor A1.