10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TCEA1 Rabbit mAb

Catalog # AP76159

Product Information

Application	WB, IHC-P, IHC-F, IP
Primary Accession	P23193
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	33970

Additional Information

Gene ID	6917
Other Names	TCEA1
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A IHC-F~~N/A IP~~1:20-1:50
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

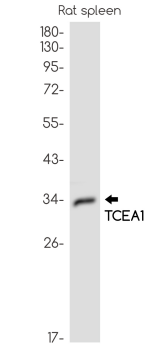
Name	TCEA1
Synonyms	GTF2S, TFIIS
Function	Necessary for efficient RNA polymerase II transcription elongation past template-encoded arresting sites. The arresting sites in DNA have the property of trapping a certain fraction of elongating RNA polymerases that pass through, resulting in locked ternary complexes. Cleavage of the nascent transcript by S-II allows the resumption of elongation from the new 3'-terminus.
Cellular Location	Nucleus.

Background

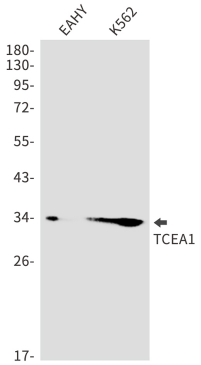
Predicted to enable DNA binding activity; translation elongation factor activity; and zinc ion binding activity.

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 transcription, DNA-templated. Located in nucleolus and nucleoplasm. Part of transcription factor TFIID complex.

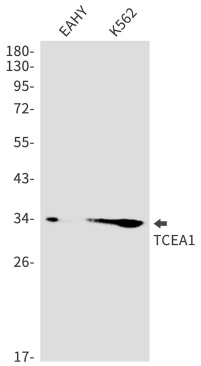
Images

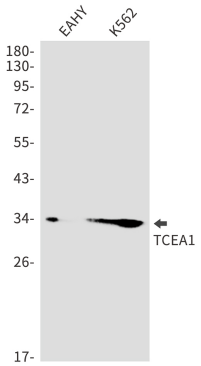


Western blot analysis of TCEA1 in rat spleen lysates using TCEA1 antibody.



Western blot analysis of TCEA1 in EAHY, K562 lysates using TCEA1 antibody.





Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.