

Product Name: TCEA1 Rabbit Monoclonal Antibody
Catalog #: AMRe03930



Summary

Production Name	TCEA1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,FC,IP
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Purification	Affinity Purification

Immunogen

Gene Name	TCEA1
Alternative Names	SII; TCEA; TF2S; GTF2S; TFIIIS
Gene ID	6917
SwissProt ID	P23193.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 IP: 1:20 FC: 1:50-1:100
Molecular Weight	Calculated MW:34 kDa;Observed MW: 38kDa

Background

Necessary for efficient RNA polymerase II transcription elongation past template-encoded arresting sites. The arresting

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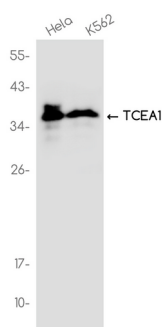


sites in DNA have the property of trapping a certain fraction of elongating RNA polymerases that pass through, resulting in locked ternary complexes. Cleavage of the nascent transcript by S-II allows the resumption of elongation from the new 3'-terminus. Miscellaneous S-II binds to RNA-polymerase II in the absence of transcription.

Research Area

Epigenetics and Nuclear Signaling

Image Data



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

Note

For research use only.