

# TCERG1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17748b

## Product Information

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Application	WB, E
Primary Accession	<a href="#">Q14776</a>
Other Accession	<a href="#">Q8CGF7</a> , <a href="#">NP_006697.2</a> , <a href="#">NP_001035095.1</a>
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB17362
Calculated MW	123901
Antigen Region	991-1020

## Additional Information

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Gene ID	10915
Other Names	Transcription elongation regulator 1, TATA box-binding protein-associated factor 2S, Transcription factor CA150, TCERG1, CA150, TAF2S
Target/Specificity	This TCERG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 991-1020 amino acids from the C-terminal region of human TCERG1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TCERG1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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Name	TCERG1
Synonyms	CA150, TAF2S

<b>Function</b>	Transcription factor that binds RNA polymerase II and inhibits the elongation of transcripts from target promoters. Regulates transcription elongation in a TATA box-dependent manner. Necessary for TAT-dependent activation of the human immunodeficiency virus type 1 (HIV-1) promoter.
<b>Cellular Location</b>	Nucleus
<b>Tissue Location</b>	Detected in brain neurons.

## Background

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This gene encodes a nuclear protein that regulates transcriptional elongation and pre-mRNA splicing. The encoded protein interacts with the hyperphosphorylated C-terminal domain of RNA polymerase II via multiple FF domains, and with the pre-mRNA splicing factor SF1 via a WW domain. Alternative splicing results in multiple transcripts variants encoding different isoforms.

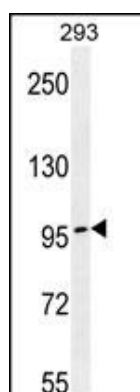
## References

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Lu, M., et al. J. Mol. Biol. 393(2):397-408(2009)  
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## Images

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TCERG1 Antibody (C-term) (Cat. #AP17748b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the TCERG1 antibody detected the TCERG1 protein (arrow).

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