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TCERG1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17748b

Product Information

Application	WB, E
Primary Accession	O14776
Other Accession	Q8CGF7, NP_006697.2, NP_001035095.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB17362
Calculated MW	123901
Antigen Region	991-1020

Additional Information

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

Name	TCERG1
Synonyms	CA150, TAF2S

Function	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.
Cellular Location	Nucleus
Tissue Location	Detected in brain neurons.

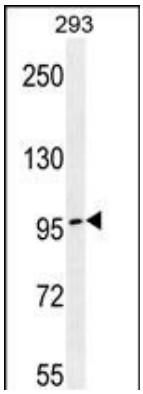
Background

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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Murphy, J.M., et al. J. Mol. Biol. 393(2):409-424(2009)
Lu, M., et al. J. Mol. Biol. 393(2):397-408(2009)
Pearson, J.L., et al. J. Biol. Chem. 283(12):7949-7961(2008)

Images



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'.