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TCERG1 Rabbit pAb

Catalog # AP97074

Product Information

Application	WB
Primary Accession	O14776
Other Accession	O14776
Reactivity	Mouse
Predicted	Rat, Pig, Human, Rabbit, Chicken, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	123901
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TCERG1/CA150
Epitope Specificity	701-800/1098
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 6 FF domains.
SUBUNIT	Binds formin (By similarity). Binds RNA polymerase II, HD and SF1.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	CA150 is a nuclear protein that regulates transcriptional elongation and pre-mRNA splicing. It 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.

Additional Information

Gene ID	10915
Other Names	CA150; TAF2S; Urn1; 2410022J09Rik; 2900090C16Rik; CA150b; FBP23; FBP28; p144; TCRG1_HUMAN; TCERG1; TATA box-binding protein-associated factor 2S; Transcription factor CA150; TCRG1_MOUSE; Formin-binding protein 28 (FBP 28); transcription elongation regulator 1; TATA box binding protein (TBP)-associated factor, RNA polymerase II, S, 150kD; co-activator of 150 kDa
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

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