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RRN3 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17305c

Product Information

Application	WB, E
Primary Accession	Q9NYV6
Other Accession	NP_060897.3
Reactivity	Human
Predicted	Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37107
Calculated MW	74107
Antigen Region	277-305

Additional Information

Gene ID	54700
Other Names	RNA polymerase I-specific transcription initiation factor RRN3, Transcription initiation factor IA, TIF-IA, RRN3, TIFIA
Target/Specificity	This RRN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 277-305 amino acids from the Central region of human RRN3.
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	RRN3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RRN3
Synonyms	TIFIA

Function	Required for efficient transcription initiation by RNA polymerase I (Pol I). Required for the formation of the competent pre- initiation complex (PIC).
Cellular Location	Nucleus, nucleolus.

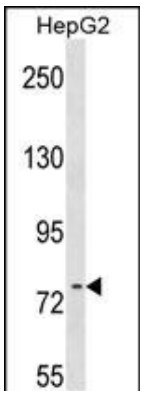
Background

Required for efficient transcription initiation by RNA polymerase I. Required for the formation of the competent preinitiation complex (PIC). Dissociates from pol I as a consequence of transcription. In vitro, cannot activate transcription in a subsequent transcription reaction (By similarity).

References

Bierhoff, H., et al. Mol. Cell. Biol. 28(16):4988-4998(2008)
Amit, M., et al. BMC Mol. Biol. 8, 109 (2007) :
Mayer, C., et al. Genes Dev. 18(4):423-434(2004)
Hirschler-Laszkiewicz, I., et al. J. Biol. Chem. 278(21):18953-18959(2003)
Zhao, J., et al. Mol. Cell 11(2):405-413(2003)

Images



RRN3 Antibody (Center) (Cat. #AP17305c) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the RRN3 antibody detected the RRN3 protein (arrow).

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