

**RRN3 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17305c****Specification**

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**RRN3 Antibody (Center) - Product Information**

|                   |                             |
|-------------------|-----------------------------|
| Application       | WB,E                        |
| Primary Accession | <a href="#">O9NYV6</a>      |
| Other Accession   | <a href="#">NP_060897.3</a> |
| Reactivity        | Human                       |
| Host              | Rabbit                      |
| Clonality         | Polyclonal                  |
| Isotype           | Rabbit IgG                  |
| Calculated MW     | 74107                       |
| Antigen Region    | 277-305                     |

**RRN3 Antibody (Center) - 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.

**RRN3 Antibody (Center) - 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).

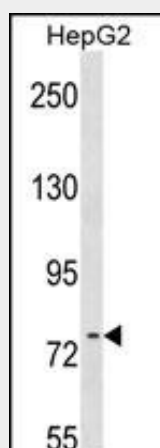
**Cellular Location**

Nucleus, nucleolus.

**RRN3 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**RRN3 Antibody (Center) - 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).

**RRN3 Antibody (Center) - 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).

**RRN3 Antibody (Center) - 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)