

# ZNRD1 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22088b

## Product Information

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Application	WB, E
Primary Accession	<a href="#">Q9P1U0</a>
Other Accession	<a href="#">Q1RMP0</a> , <a href="#">Q5TM50</a> , <a href="#">Q791N7</a> , <a href="#">Q1XHV8</a> , <a href="#">Q6MFY5</a>
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55886
Calculated MW	13904

## Additional Information

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Gene ID	30834
Other Names	DNA-directed RNA polymerase I subunit RPA12, Zinc ribbon domain-containing protein 1, ZNRD1, RPA12
Target/Specificity	This ZNRD1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 88-127 amino acids from human ZNRD1.
Dilution	WB~~1:2000 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	ZNRD1 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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Name	POLR1H ( <a href="#">HGNC:13182</a> )
Function	Core component of RNA polymerase I (Pol I), a DNA-dependent RNA polymerase which synthesizes ribosomal RNA precursors using the four ribonucleoside triphosphates as substrates. Can mediate Pol I proofreading of

the nascent RNA transcript. Anchors into the Pol I active site to monitor transcription fidelity and cleave mis- incorporated 5'-ribonucleotides.

## Cellular Location

Nucleus, nucleolus.

## Background

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DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors.

## References

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Fan W.,et al.Genomics 63:139-141(2000).

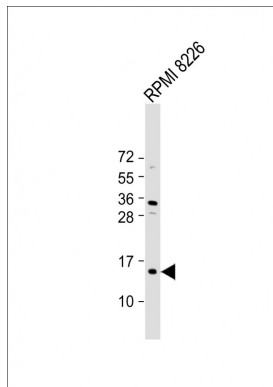
Shematorova E.K.,et al.Submitted (FEB-2000) to the EMBL/GenBank/DDBJ databases.

Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.

Mungall A.J.,et al.Nature 425:805-811(2003).

## Images

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Anti-ZNRD1 Antibody (C-Term) at 1:2000 dilution + RPMI 8226 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 14 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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