

ZNRD1 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22088b

Product Information

Application	WB, E
Primary Accession	Q9P1U0
Other Accession	Q1RMP0 , Q5TM50 , Q791N7 , Q1XHV8 , Q6MFY5
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55886
Calculated MW	13904

Additional Information

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

Name	POLR1H (HGNC:13182)
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.

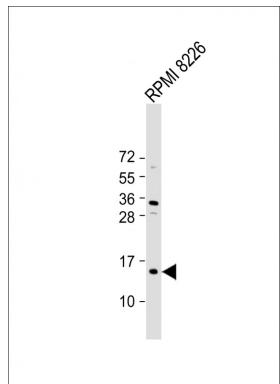
Background

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

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



Anti-ZNRD1 Antibody (C-Term) at 1:2000 dilution + RPMI 8226 whole cell lysate Lysates/proteins at 20 μ g 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'.