

Product Name: RPA40 Rabbit Polyclonal Antibody
Catalog #: APRab17338



Summary

Production Name	RPA40 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	POLR1C
Alternative Names	POLR1C; POLR1E; DNA-directed RNA polymerases I and III subunit RPAC1; DNA-directed RNA polymerase I subunit C; RNA polymerases I and III subunit AC1; AC40; DNA-directed RNA polymerases I and III 40 kDa polypeptide; RPA40; RPA39; RPC40
Gene ID	9533.0
SwissProt ID	O15160.The antiserum was produced against synthesized peptide derived from human POLR1C. AA range:101-150

Application

Dilution Ratio	WB 1:500-1:2000, ELISA 1:40000.Not yet tested in other applications.
Molecular Weight	39kDa

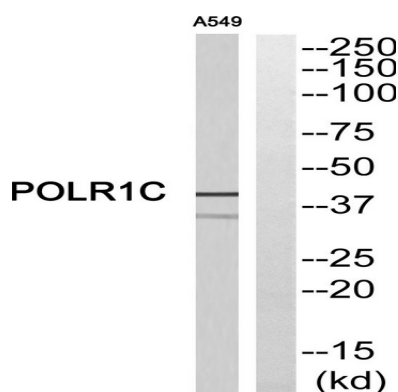
Background

The protein encoded by this gene is a subunit of both RNA polymerase I and RNA polymerase III complexes. The encoded protein is part of the Pol core element. Mutations in this gene have been associated with Treacher Collins syndrome (TCS) and hypomyelinating leukodystrophy 11. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016],function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Common component of RNA polymerases I and III which synthesize ribosomal RNA precursors and small RNAs, such as 5S rRNA and tRNAs, respectively. RPAC1 is part of the Pol core element with the central large cleft and probably a clamp element that moves to open and close the cleft.,similarity:Belongs to the archaeal rpoD/eukaryotic RPB3 RNA polymerase subunit family.,subunit:Component of the RNA polymerase I (Pol I) and RNA polymerase III (Pol III) complexes consisting of at least 13 and 17 subunits, respectively.,

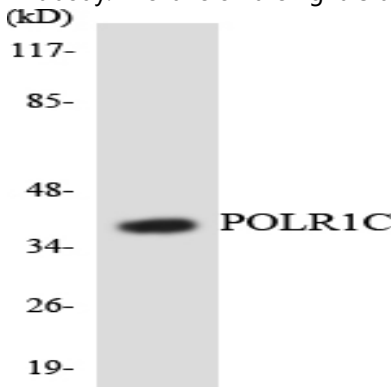
Research Area

Purine metabolism;Pyrimidine metabolism;RNA polymerase;Cytosolic DNA-sensing pathway;

Image Data



Western blot analysis of POLR1C Antibody. The lane on the right is blocked with the POLR1C peptide.



Western blot analysis of the lysates from HepG2 cells using POLR1C antibody.

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Note

For research use only.