

Summary

Production Name	POLR3C Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,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	POLR3C POLR3C; DNA-directed RNA polymerase III subunit RPC3; RNA polymerase III subunit
Alternative Names	C3; DNA-directed RNA polymerase III subunit C; RNA polymerase III 62 kDa subunit; RPC62
Gene ID	10623.0
SwissProt ID	Q9BU14.The antiserum was produced against synthesized peptide derived from human RPC3. AA range:191-240

Application

Dilution Ratio	WB 1:500-2000 ELISA 2000-20000
Molecular Weight	60kD

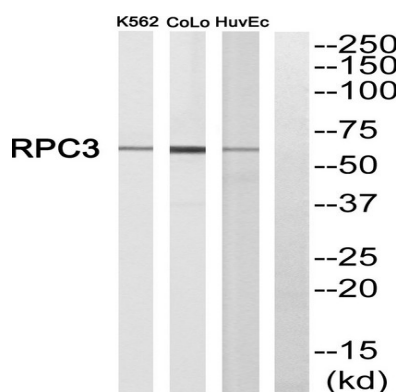
Background

disease:Antibodies against POLR3C were found in the sera of patients with systemic sclerosis (SSc),,function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific core component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. May direct with other members of the subcomplex RNA Pol III binding to the TFIIB-DNA complex via the interactions between TFIIB and POLR3F. May be involved either in the recruitment and stabilization of the subcomplex within RNA polymerase III, or in stimulating catalytic functions of other subunits during initiation.,similarity:Belongs to the eukaryotic RPC3/POLR3C RNA polymerase subunit family.,subunit:Component of the RNA polymerase III (Pol III) complex consisting of 17 subunits (By similarity). RPC3/POLR3C, RPC6/POLR3F and RPC7/POLR3G form a Pol III subcomplex. Interacts with GTF3C4.,disease:Antibodies against POLR3C were found in the sera of patients with systemic sclerosis (SSc),,function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific core component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. May direct with other members of the subcomplex RNA Pol III binding to the TFIIB-DNA complex via the interactions between TFIIB and POLR3F. May be involved either in the recruitment and stabilization of the subcomplex within RNA polymerase III, or in stimulating catalytic functions of other subunits during initiation.,similarity:Belongs to the eukaryotic RPC3/POLR3C RNA polymerase subunit family.,subunit:Component of the RNA polymerase III (Pol III) complex consisting of 17 subunits (By similarity). RPC3/POLR3C, RPC6/POLR3F and RPC7/POLR3G form a Pol III subcomplex. Interacts with GTF3C4.,

Research Area

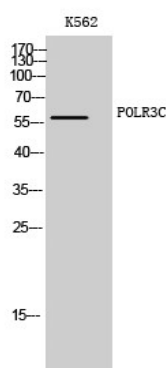
Purine metabolism;Pyrimidine metabolism;RNA polymerase;Cytosolic DNA-sensing pathway;

Image Data



Western blot analysis of RPC3 Antibody. The lane on the right is blocked with the RPC3 peptide.

Product Name: POLR3C Rabbit Polyclonal Antibody
Catalog #: APRab16360



Western Blot analysis of K562 cells using POLR3C Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

Note

For research use only.