

POLR3G Polyclonal Antibody

Cat No: HR1AP5330

For research use only

Overview

Product Name	POLR3G Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	26kDa
GeneID?Human?	POLR3G
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	POLR3G; DNA-directed RNA polymerase III subunit RPC7; RNA polymerase III subunit C7; DNA-directed RNA polymerase III subunit G; RNA polymerase III 32 kDa subunit; RPC32
Background	function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific peripheric component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. May direct with other members of the RPC3/POLR3C-RPC6/POLR3F-RPC7/POLR3G subcomplex RNA Pol III binding to the TFIIIB-DNA complex via the interactions between TFIIIB 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 RPC7 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.,