

Rabbit Anti-POLR3C/AF350 Conjugated antibody

SL9569R-AF350

Product Name	Anti-POLR3C/AF350
Chinese Name	AF350 标记的 DNA 指导的 RNA 聚合酶亚基 C 抗体
Alias	POLR3C; DNA directed III 62 kDa polypeptide; DNA-directed RNA polymerase III subunit C; DNA-directed RNA polymerase III subunit rpc3; Polymerase (RNA) III (DNA directed) polypeptide C (62kD); RNA polymerase C subunit 3; RNA polymerase III 62 kDa subunit; RNA polymerase III C62 subunit; RNA polymerase III subunit C3; RPC3; RPC3_HUMAN.
Research Area	Chromatin and nuclear signals transcriptional regulatory factor
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	61kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human POLR3C
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	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 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. Plays a key role in sensing and limiting infection by intracellular bacteria and DNA viruses. Acts as nuclear and cytosolic DNA sensor involved in innate immune response. Can sense non-self dsDNA that serves as template for transcription into dsRNA. The non-self RNA polymerase III transcripts, such as Epstein-Barr virus-encoded RNAs (EBERs) induce type I interferon and NF- Kappa-B through the RIG-I pathway.

Subunit:

Component of the RNA polymerase III (Pol III) complex consisting of 17 subunits. RPC3/POLR3C, RPC6/POLR3F and RPC7/POLR3G form a Pol III subcomplex. Interacts with GTF3C4.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the eukaryotic RPC3/POLR3C RNA polymerase subunit family.

Database links:

[Entrez Gene: 10623](#) Human

[SwissProt: Q53F76](#) Human

[SwissProt: Q9BT08](#) Human

[SwissProt: Q9BU14](#) Human

[Unigene: 591457](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.