

POLR3E Rabbit pAb

CatalogNo: YT3817

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 80kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

IF 1:200-1:1000

ELISA 1:40000

Not yet tested in other applications.

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

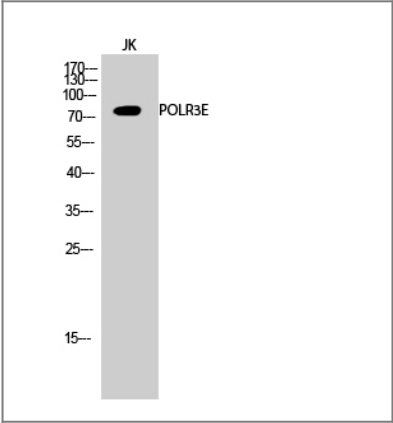
Immunogen The antiserum was produced against synthesized peptide derived from human RPC5. AA range:191-240

Specificity POLR3E Polyclonal Antibody detects endogenous levels of POLR3E protein.

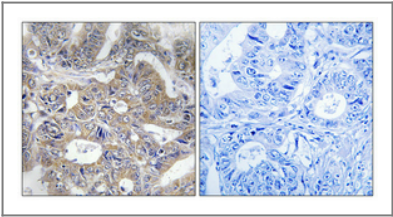
| Target Information

Gene name	POLR3E		
Protein Name	DNA-directed RNA polymerase III subunit RPC5		
	Organism	Gene ID	UniProt ID
	Human	55718 ;	Q9NVU0 ;
	Mouse	26939 ;	Q9CZT4 ;
Cellular Localization	Nucleus.		
Tissue specificity	Brain, Eye, Liver, Teratocarcinoma,		
Function	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. Essential for efficient transcription from both the type 2 VAI and type 3 U6 RNA polymerase III promoters., subunit: Component of the RNA polymerase III (Pol III) complex consisting of 17 subunits (By similarity). Interacts with POLR3D/RPC4.,		

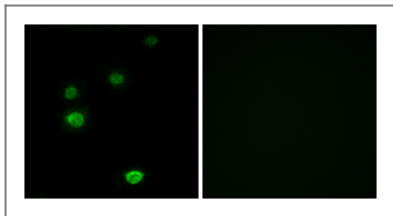
| Validation Data



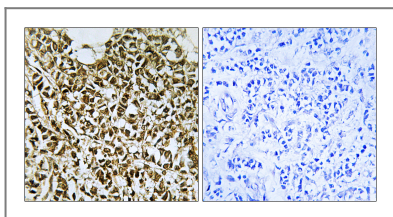
Western Blot analysis of JK cells using POLR3E Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Immunohistochemical analysis of paraffin-embedded Human colon cancer. Antibody was diluted at 1:100 (4° overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunofluorescence analysis of LOVO cells, using RPC5 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using RPC5 Antibody. The picture on the right is blocked with the synthesized peptide.

| Contact information

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Please scan the QR code
 to access additional
 product information:
POLR3E Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)