

## POLR3D Rabbit pAb

CatalogNo: YT3816

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, ELISA, IHC

#### MW

- 38kD (Observed)

#### Isotype

- IgG

### 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.

### Recommended Dilution Ratios

**WB 1:500-2000**

**IHC 1:50-300**

**ELISA 1:2000-20000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human RPC4. AA range: 281-330

**Specificity** POLR3D Polyclonal Antibody detects endogenous levels of POLR3D protein.

### Target Information

**Gene name** POLR3D

**Protein Name** DNA-directed RNA polymerase III subunit RPC4

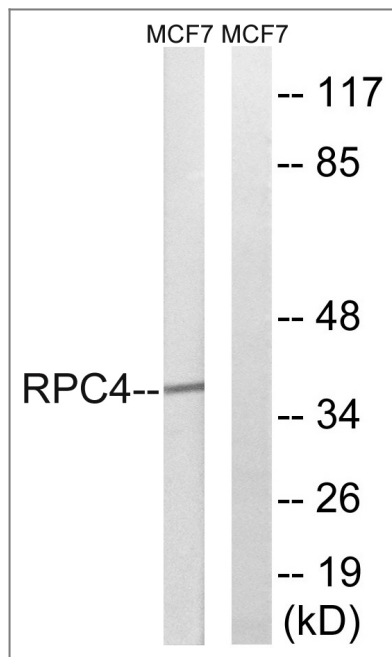
Organism	Gene ID	UniProt ID
Human	<a href="#">661</a> ;	<a href="#">P05423</a> ;
Mouse	<a href="#">67065</a> ;	<a href="#">Q91WD1</a> ;

**Cellular Localization** Nucleus.

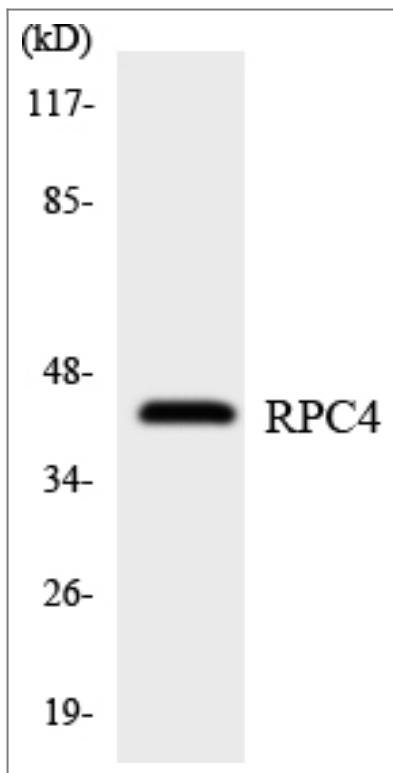
**Tissue specificity** Epithelium,Lung,Lymph,

**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.,similarity:Belongs to the eukaryotic RPC4/POLR3D RNA polymerase subunit family.,subunit:Component of the RNA polymerase III (Pol III) complex consisting of 17 subunits (By similarity). Interacts with POLR3E/RPC5.,

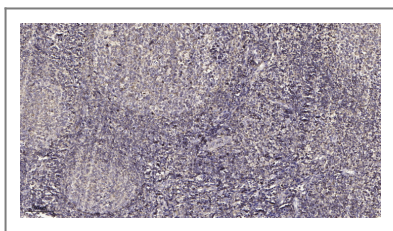
## Validation Data



Western blot analysis of lysates from MCF-7 cells, using RPC4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using RPC4 antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

## Contact information

Orders: [order.cn@immunoway.com](mailto:order.cn@immunoway.com)  
Support: [support.cn@immunoway.com](mailto:support.cn@immunoway.com)  
Telephone: 400-8787-807(China)  
Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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**POLR3D Rabbit pAb**

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