

## TdT Rabbit pAb

CatalogNo: YT4594

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 60kD (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

**IHC: 100-300**

**WB 1:500-1:2000**

**ELISA 1:40000**

**IF 1:50-200**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human DNNT. AA range: 381-430

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

### Target Information

**Gene name** DNTT

**Protein Name** DNA nucleotidylexotransferase

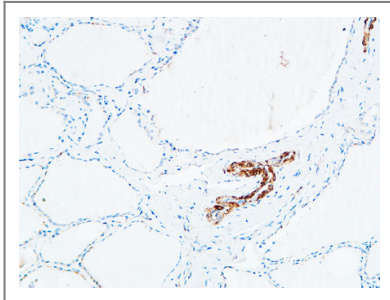
Organism	Gene ID	UniProt ID
Human	<a href="#">1791</a> ;	<a href="#">P04053</a> ;
Mouse		<a href="#">P09838</a> ;

**Cellular Localization** Nucleus .

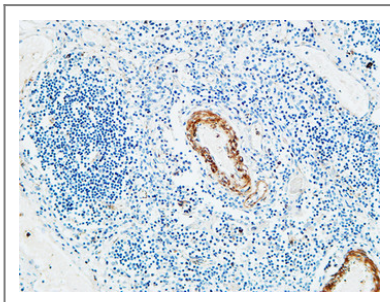
**Tissue specificity** Testis,Thymus,

**Function** Catalytic activity:Deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1).,cofactor:Magnesium.,Disease:Very high levels of enzyme activity have been detected in certain acute leukemic cells.,Function:Template-independent DNA polymerase which catalyzes the random addition of deoxynucleoside 5'-triphosphate to the 3'-end of a DNA initiator. One of the in vivo functions of this enzyme is the addition of nucleotides at the junction (N region) of rearranged Ig heavy chain and T-cell receptor gene segments during the maturation of B- and T-cells.,similarity:Belongs to the DNA polymerase type-X family.,similarity:Contains 1 BRCT domain.,subunit:Interacts with PRP19 and DNTTIP1. Forms a ternary complex with DNTTIP2 and core histone. Released from this complex by PCNA.,

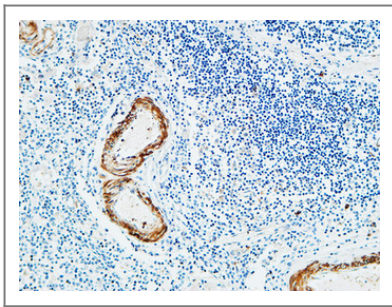
## Validation Data



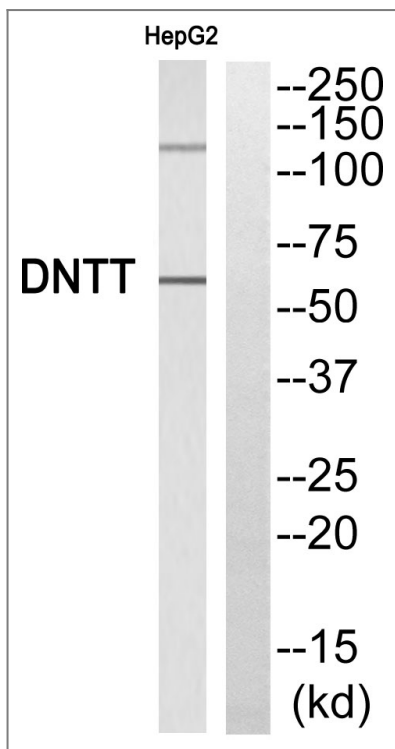
Immunohistochemical analysis of paraffin-embedded Human Thyroid. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded Human thymus. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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

## Contact information

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

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

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