

TdT Rabbit pAb

CatalogNo: YT4594

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 60kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

IHC: 100-300

WB 1:500-1:2000

ELISA 1:40000

IF 1:50-200

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 DNNT. AA range: 381-430

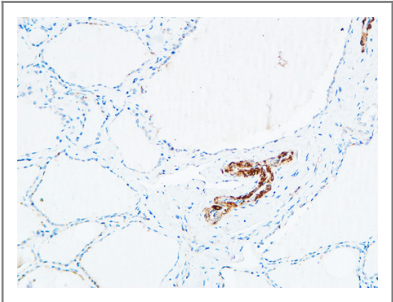
Specificity

TdT Polyclonal Antibody detects endogenous levels of TdT protein.

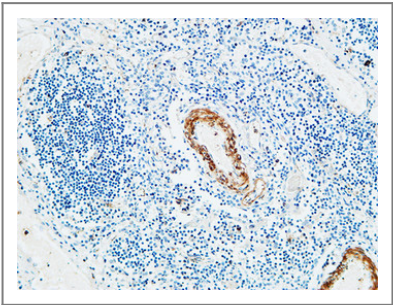
Target Information

Gene name	DNTT		
Protein Name	DNA nucleotidylexotransferase		
	Organism	Gene ID	UniProt ID
	Human	1791 ;	P04053 ;
	Mouse		P09838 ;
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.,		

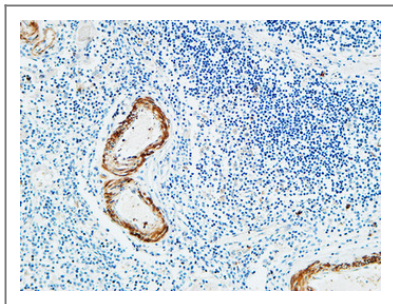
Validation Data



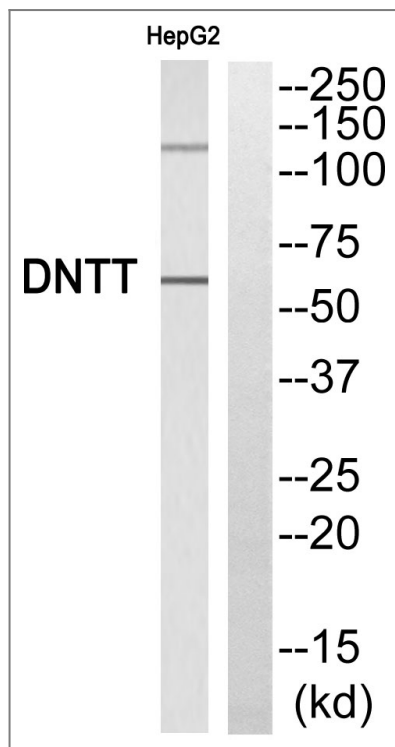
Immunohistochemical analysis of paraffin-embedded Human Thyroid. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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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