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## anti-TdT antibody (Internal Region)

2 Images

Overview



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Quantity:	100 μL	
Target:	TdT (DNTT)	
Binding Specificity:	Internal Region	
Reactivity:	Human	

Reactivity.	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TdT antibody is un-conjugated

Application: Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

# Product Details

Immunogen:	A synthesized peptide derived from human DNTT, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	DNTT Antibody detects endogenous levels of total DNTT.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

## **Target Details**

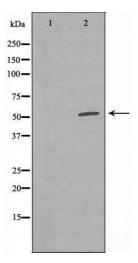
Target:	TdT (DNTT)
Alternative Name:	DNTT (DNTT Products)

### **Target Details**

Expiry Date:

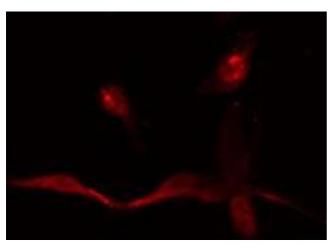
12 months

rarget Details	
Background:	Description: 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.  Gene: DNTT
Molecular Weight:	58 kDa
Gene ID:	1791
UniProt:	P04053
Pathways:	DNA Damage Repair
Application Details	
Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.



#### **Western Blotting**

**Image 1.** Western blot analysis of extracts from HepG2 cells, using DNTT antibody. The lane on the left is treated with the antigen-specific peptide.



#### Immunofluorescence (fixed cells)

**Image 2.** ABIN6275065 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibod