

TdT Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08911
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human DNTT. AA range:381-430
Mol wt	58437
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	TdT Antibody
Synonyms	DNTT; TDT; DNA nucleotidyltransferase; Terminal addition enzyme; Terminal deoxynucleotidyltransferase; Terminal transferase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

DNTT is a member of the DNA polymerase type-X family and encodes a template-independent DNA polymerase that catalyzes the addition of deoxynucleotides to the 3'-hydroxyl terminus of oligonucleotide primers. In vivo, the encoded protein is expressed in a restricted population of normal and malignant pre-B and pre-T lymphocytes during early differentiation, where it generates antigen receptor diversity by synthesizing non-germ line elements (N-regions) at the junctions of rearranged Ig heavy chain and T cell receptor gene segments. Alternatively spliced transcript variants encoding different isoforms of this gene have been described.

Recommended Dilution

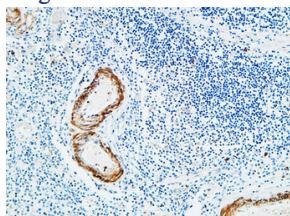
WB: 1: 500 - 1: 2000

ELISA: 1: 40000

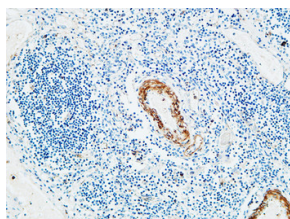
IHC-p: 100 - 300

Not yet tested in other applications.

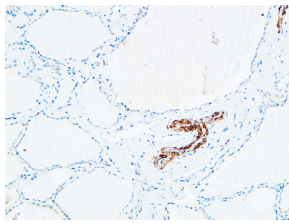
Images



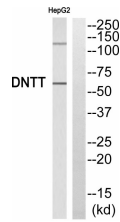
Immunohistochemical analysis of paraffin-embedded Human thymus. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



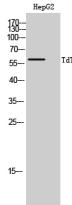
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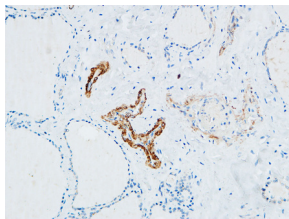
Immunohistochemical analysis of paraffin-embedded Human Thyroid. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



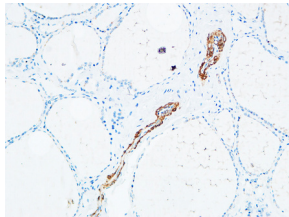
Western blot analysis of DNTT Antibody. The lane on the right is blocked with the DNTT peptide.



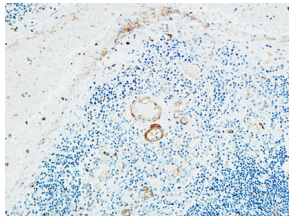
Western Blot analysis of HepG2 cells using TdT Polyclonal Antibody cells nucleus.



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Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com