

TdT Polyclonal Antibody
Catalog # AP72777**Specification**

TdT Polyclonal Antibody - Product Information

Application	IHC
Primary Accession	P04053
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

TdT Polyclonal Antibody - Additional Information**Gene ID** 1791**Other Names**

DNTT; TDT; DNA nucleotidylexotransferase; Terminal addition enzyme; Terminal deoxynucleotidyltransferase; Terminal transferase

Dilution

IHC~~IHC-p: 100-300. Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

TdT Polyclonal Antibody - Protein Information**Name** DNTT**Synonyms** TDT {ECO:0000303|PubMed:11473582}**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.

Cellular Location

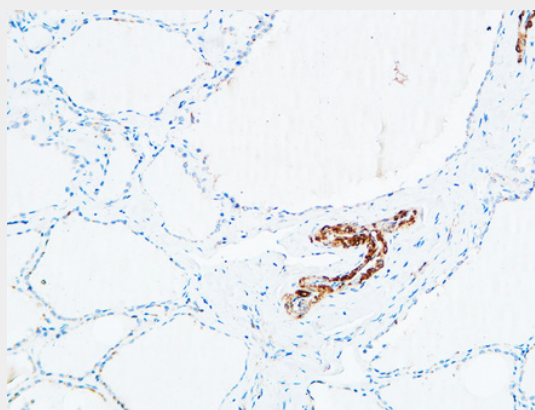
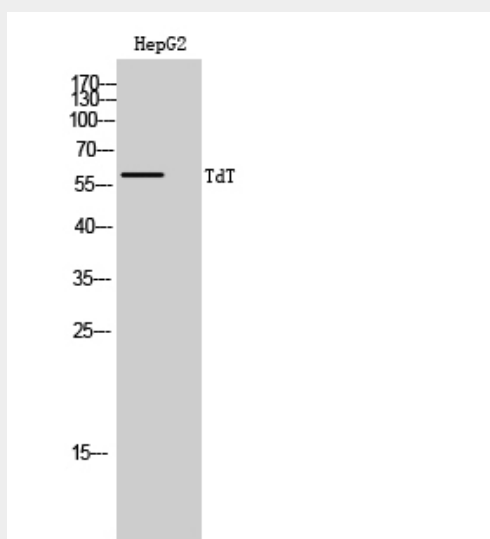
Nucleus.

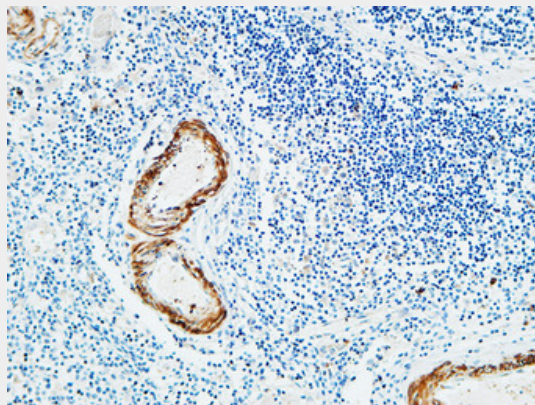
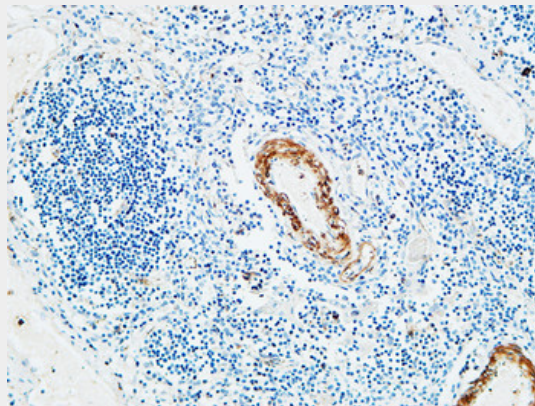
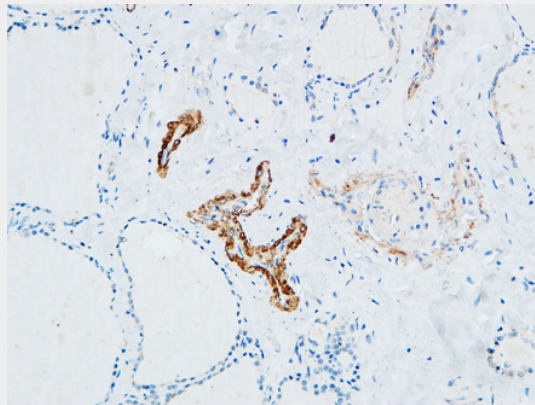
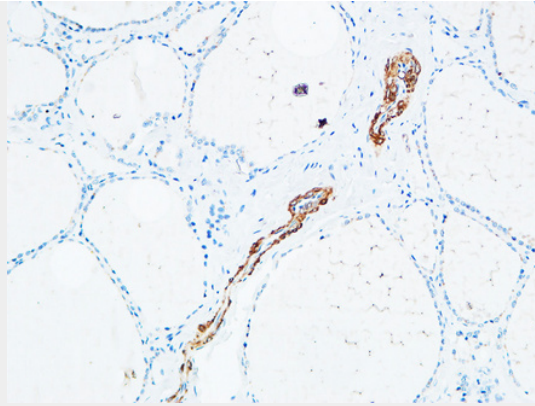
TdT Polyclonal Antibody - Protocols

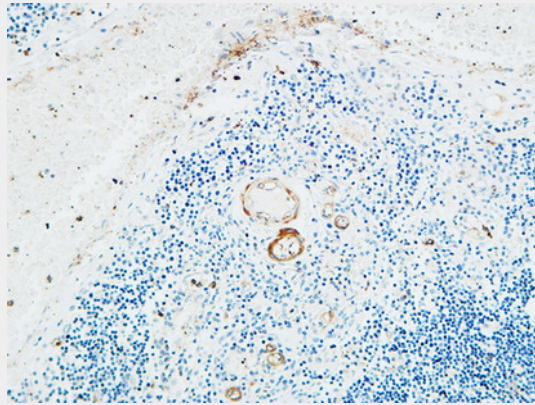
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TdT Polyclonal Antibody - Images







TdT Polyclonal Antibody - Background

Terminal deoxynucleotidyl transferase (TdT) is a 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.