

**Product Name: DNA Nucleotidylexotransferase Rabbit Polyclonal Antibody****Catalog #: APRab00309**

For research use only.

**Summary**

|                      |  |
|----------------------|--|
| <b>Description</b>   | Rabbit polyclonal Antibody   |
| <b>Host</b>          | Rabbit   |
| <b>Application</b>   | WB,IHC   |
| <b>Reactivity</b>    | Human  |
| <b>Conjugation</b>   | Unconjugated   |
| <b>Modification</b>  | Unmodified   |
| <b>Isotype</b>       | IgG  |
| <b>Clonality</b>     | Polyclonal   |
| <b>Form</b>          | Liquid   |
| <b>Concentration</b> | 1mg/ml   |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.                        |
| <b>Shipping</b>      | Ice bags   |
| <b>Buffer</b>        | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| <b>Purification</b>  | Affinity Chromatography  |

**Application**

|                         |  |
|-------------------------|--|
| <b>Dilution Ratio</b>   | WB 1:500-1:1000,IHC 1:50-1:100             |
| <b>Molecular Weight</b> | Calculated MW: 59 kDa; Observed MW: 59 kDa |

**Antigen Information**

|                          |  |
|--------------------------|--|
| <b>Gene Name</b>         | DNTT   |
| <b>Alternative Names</b> | DNA nucleotidylexotransferase; DNTT; TDT; Terminal addition enzyme; Terminal deoxynucleotidyltransferase; Terminal transferase |
| <b>Gene ID</b>           | 1791   |
| <b>SwissProt ID</b>      | P04053   |
| <b>Immunogen</b>         | Recombinant protein of human TdT   |

**Background**

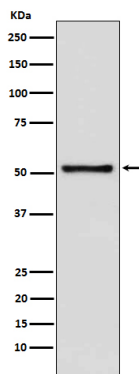
Template-independent DNA polymerase which catalyzes the random addition of deoxynucleoside 5'-triphosphate to the 3'-

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.

## Research Area

Immunology

## Image Data



Western blot analysis of TDT in Jurkat lysates using DNA Nucleotidyltransferase antibody.