

## Rabbit TdT Polyclonal Antibody | anti-TdT antibody

TdT Antibody

| CATALOG # | HOST   | REACTIVITY                         | APPLICATIONS                                                                                            |
|-----------|--------|------------------------------------|---------------------------------------------------------------------------------------------------------|
| AAA226302 | Rabbit | Chicken, Human, Monkey, Mouse, Rat | Western Blot, Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA |

### PRODUCT SYNONYMS

TdT; Polyclonal Antibody; TdT Antibody; Deoxynucleotidyltransferase terminal; DNA nucleotidylexotransferase; DNTT; Nucleosidetriphosphate DNA deoxynucleotidylexotransferase; TDT; Terminal addition enzyme; Terminal deoxynucleotidyltransferase; Terminal transferase antibody; anti-TdT antibody

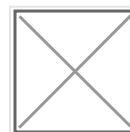
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                              |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                       |
| Reactivity                                    | Chicken, Human, Monkey, Mouse, Rat                                                                                                                           |
| Clonality                                     | Polyclonal                                                                                                                                                   |
| Form/Format                                   | Affinity Purified                                                                                                                                            |
| Concentration                                 | 0.6 ug/ul in antibody stabilization buffer (varies by lot)                                                                                                   |
| Sequence Length                               | 509                                                                                                                                                          |
| Applicable Applications for anti-TdT antibody | WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, CM (Confocal Microscopy) |
| Immunogen                                     | Synthetic peptide taken within amino acid region 459-509 on human Terminal deoxynucleotidyltransferase protein.                                              |
| Immunoglobulin                                | IgG                                                                                                                                                          |
| Determinant                                   | Extreme C-epitope                                                                                                                                            |
| Molecular Function                            | Nucleotidyltransferase, Transferase, DNA binding                                                                                                             |
| Structure                                     | Interacts with PRP19 and DNTTIP1. Forms a ternary complex with DNTTIP2 and core histone. Released from this complex by PCNA.                                 |
| Subcellular Location                          | Nucleus                                                                                                                                                      |
| Preparation and Storage                       | -20• degree C for long term storage                                                                                                                          |

### IMAGES



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TdT antibody | Affinity Purified DNA nucleotidylexotransferase Antibody Extreme C-epitope<br>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. |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Product Categories/Family for anti-TdT antibody

Primary Antibodies; Immunology; TdT Antibody

## NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 63054850                                |
| NCBI GeneID                      | 1791                                    |
| NCBI Accession #                 | NP_004079                               |
| NCBI GenBank Nucleotide #        | NM_004088.3                             |
| UniProt Accession #              | P04053; Q53FH1; Q5W103; Q96E50          |
| Molecular Weight                 | 58,408 Da                               |
| NCBI Official Full Name          | DNA nucleotidylexotransferase isoform 1 |
| NCBI Official Synonym Full Names | DNA nucleotidylexotransferase           |
| NCBI Official Symbol             | DNTT                                    |
| NCBI Official Synonym Symbols    | TDT                                     |
| NCBI Protein Information         | DNA nucleotidylexotransferase           |
| UniProt Protein Name             | DNA nucleotidylexotransferase           |
| UniProt Gene Name                | <b>DNTT</b>                             |
| UniProt Synonym Gene Names       | ; Terminal transferase                  |
| UniProt Entry Name               | TDT_HUMAN                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ttd-antibody-western-blot-immunoprecipitation-immunohistochemistry-immunofluorescence-immunocytochemistry-confocal-microscopy-elisa/226302>