

DNAPab

 Hard-to-Find
Antibody

DNTT DNAPab

Catalog # H00001791-W01P Size 200 ug

Specification

| | |
|--------------------------------|--|
| Product Description | Rabbit polyclonal antibody raised against a full-length human DNTT DNA using DNAX™ Immune technology. |
| Technology | DNAX™ Immune |
| Immunogen | Full-length human DNA |
| Sequence | MDPPRASHLSPRKKRPRQTGALMASSPQDIKFQDLVVFIEKKMGTTTRAFMELARRKGRVE NELSDSVTHVAENNSGSDVLEWLQAQKVQVSSQPELLDVSWLIECIGAGKPVEMTGKHQLVVR RDYSDSTNPGPPKTPPIAVQKISQYACQRRRTLNNCNQIFDADFILAENCEFRENEDESCVTFMRA ASVLKSLPFTIISMKDTEGIPCLGSKVKGIIEEIIEDGESSEVKAVLNDERYQSFKLFTSVFVGLKTS EKWFRMGFRTLKSVRSKSLKFTRMQKAGFLYEDLVSCVTRAEAEAVSVLVKEAVWAFLPDA FVTMTGGFRRGKMGHDVDFLITSPGSTEDEEQLLQKVMNLWEKKGLLLYDLVESTFEKRLRPS RKVDALDHFQKCFILFKLPRQRVSDQSSWQEGKTWKAIRVDLVLCYERRAFALLGWTGSRQF ERDLRRYATHERKMILDNHALYDKTKRIFLKAEEEEIFAHLGLDYIEPWENA |
| Host | Rabbit |
| Reactivity | Human |
| Purification | Protein A |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate. |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — DNTT

Entrez GeneID [1791](#)

GeneBank Accession# [BC012920.1](#)

Protein Accession# [AAH12920.1](#)

Gene Name DNTT

Gene Alias TDT

Gene Description deoxynucleotidyltransferase, terminal

Omim ID [187410](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene 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. [provided by RefSeq]

Other Designations DNA nucleotidyltransferase|OTTHUMP00000020171|nucleosidetriphosphate:DNA deoxynucleotidyltransferase|terminal addition enzyme|terminal deoxynucleotidyltransferase|terminal deoxyribonucleotidyltransferase|terminal transferase

Pathway

- [Hematopoietic cell lineage](#)
- [Non-homologous end-joining](#)

Disease

- [Alzheimer Disease](#)

- [Genetic Predisposition to Disease](#)