

DNTT polyclonal antibody

Catalog # PAB8995

Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DNTT.
Immunogen	A synthetic peptide corresponding to human DNTT.
Host	Rabbit
Reactivity	Human, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1:1000) Immunoprecipitation (1:250) Immunohistochemistry (1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.02% sodium azide
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunoprecipitation

Gene Info — DNTT

Entrez GeneID

[1791](#)

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

Publication Reference

- [Terminal deoxynucleotidyl transferase as a hematopoietic cell marker.](#)
Bollum FJ.
Blood 1979 Dec; 54(6):1203.

Pathway

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

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)