

TdT Polyclonal Antibody

Cat No: HR1AP6125

For research use only

Overview

Product Name	TdT Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	60kDa
GeneID?Human?	DNTT
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	DNTT; TDT; DNA nucleotidyltransferase; Terminal addition enzyme; Terminal deoxynucleotidyltransferase; Terminal transferase
Background	DNA nucleotidyltransferase(DNTT) Homo sapiens 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, Jul 2008],