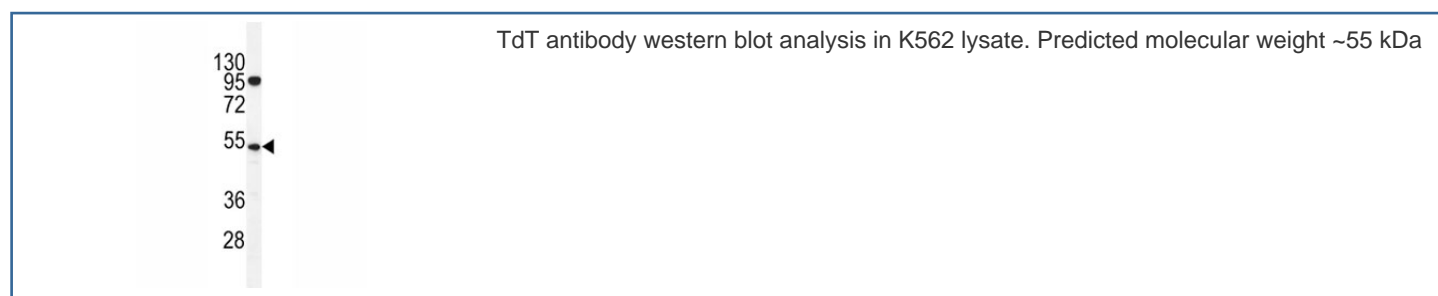


## TdT Antibody / DNA nucleotidylexotransferase (F41538)

Catalog No.	Formulation	Size
F41538-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41538-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P04053
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This TdT antibody is available for research use only.



## Description

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.

## Application Notes

Titration of the TdT antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 438-467 from human DNA nucleotidyltransferase was used as the immunogen for this TdT antibody.

## Storage

Aliquot the TdT antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.