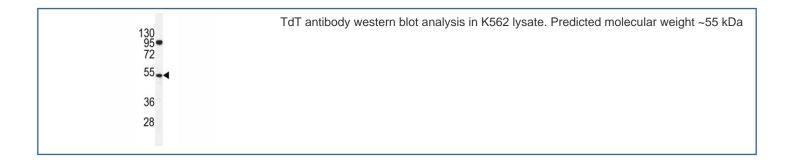


# **TdT Antibody / DNA nucleotidylexotransferase (F41538)**

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**

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P04053
Applications	Western Blot : 1:1000
Limitations	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 nucleotidylexotransferase was used as the immunogen for this TdT antibody.

### **Storage**

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