

DNTT antibody

Catalog No: #38780

Package Size: #38780-1 50ul #38780-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

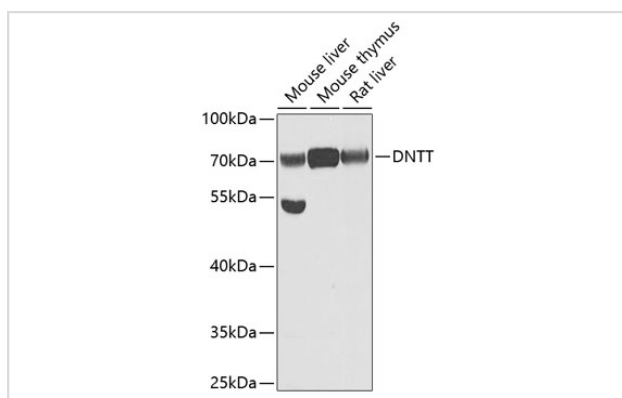
Description

| | |
|-----------------------|--|
| Product Name | DNTT antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were purified by affinity purification using immunogen. |
| Applications | WB,IF |
| Species Reactivity | Human,Mouse,Rat |
| Specificity | The antibody detects endogenous level of total DNTT protein. |
| Immunogen Type | Recombinant Protein |
| Immunogen Description | Recombinant protein of human DNTT. |
| Target Name | DNTT |
| Other Names | TDT; |
| Accession No. | Swiss-Prot#: P04053NCBI Gene ID: 1791 |
| Uniprot | P04053 |
| GeneID | 1791; |
| SDS-PAGE MW | 58kd |
| Concentration | 1.0mg/ml |
| Formulation | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C |

Application Details

WB □ 1:500 - 1:2000IF □ 1:50 - 1:100

Images



Western blot analysis of extracts of various cell lines, using DNTT at 1:1000 dilution.

Background

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.

Note: This product is for in vitro research use only