

Datasheet for ABIN634239 **anti-TdT antibody (N-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	TdT (DNNT)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TdT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	DNNT antibody was raised using the N terminal of DNNT corresponding to a region with amino acids FQDLVVFILKMKGTTRRAFLMELARRKGFVENELSDSVTHIVAENNSG
Specificity:	DNNT antibody was raised against the N terminal of DNNT
Purification:	Affinity purified

Target Details

Target:	TdT (DNNT)
Alternative Name:	DNNT (DNNT Products)
Background:	DNNT is a template-independent DNA polymerase that catalyzes the addition of deoxynucleotides to the 3'-hydroxyl terminus of oligonucleotide primers. In vivo, DNNT is expressed in a restricted population of normal and malignant pre-B and pre-T lymphocytes

Target Details

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.

Molecular Weight: 58 kDa (MW of target protein)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: DNTT Blocking Peptide, catalog no. 33R-3028, is also available for use as a blocking control in assays to test for specificity of this DNTT antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of DNTT antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. DNTT antibody used at 1 ug/ml to detect target protein.