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

Image



Overview

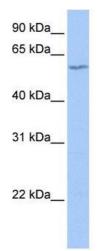
1

Uverview	
Quantity:	100 µL
Target:	TdT (DNTT)
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:	DNTT antibody was raised using the N terminal of DNTT corresponding to a region with amino
	acids FQDLVVFILEKKMGTTRRAFLMELARRKGFRVENELSDSVTHIVAENNSG
Specificity:	DNTT antibody was raised against the N terminal of DNTT
Purification:	Affinity purified
Target Details	
Target:	TdT (DNTT)
Alternative Name:	DNTT (DNTT Products)
Background:	DNTT is a template-independent DNA polymerase that catalyzes the addition of
	deoxynucleotides to the 3'-hydroxyl terminus of oligonucleotide primers. In vivo, DNTT is

expressed in a restricted population of normal and malignant pre-B and pre-T lymphocytes

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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 geneegments.
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.

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