

Product datasheet for **TA364575**

TdT (DNNT) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Jurkat□HEPG2□K562 and Hela cell lysates IHC: 30-150 Positive control: Human gastric cancer Predicted cell location: Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DNNT
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	59 kDa
Gene Name:	DNA nucleotidylexotransferase
Database Link:	Entrez Gene 1791 Human P04053



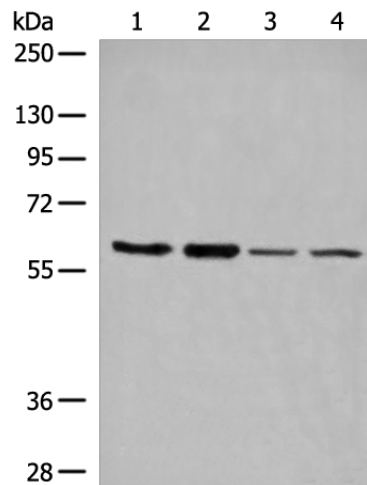
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Background:

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.

Synonyms:

TDT

Product images:

Gel: 8%SDS-PAGE

Lysate: 40 µg

Lane 1-4: Jurkat

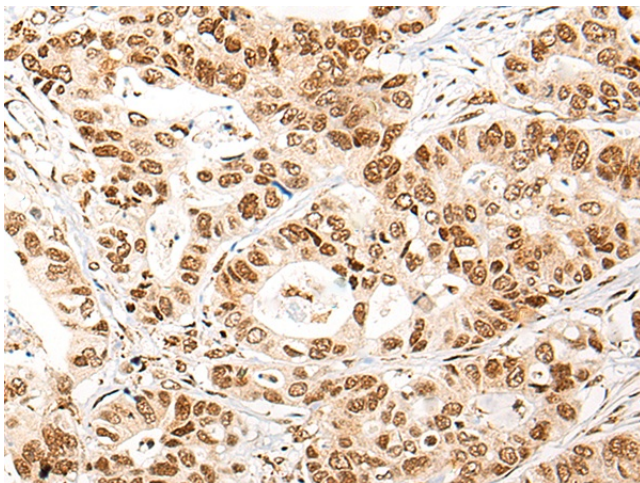
HEPG2

K562 and Hela cell lysates

Primary antibody: TA364575 (DNNT Antibody) at dilution 1/350

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA364575 (DNNT Antibody) at dilution 1/30. (Original magnification: ×200)