



Rabbit Anti-DNTTIP1 antibody

SL14400R

Product Name:	DNTTIP1
Chinese Name:	末端脱氧核苷酸转移酶相互作用蛋白1抗体
Alias:	Deoxynucleotidyltransferase terminal interacting protein 1; Deoxynucleotidyltransferase terminal-interacting protein 1; DNTTIP1; TdIF 1; TdIF1; TDIF1_HUMAN; TdT binding protein; TdT interacting factor 1; TdT-interacting factor 1; Terminal deoxynucleotidyltransferase interacting factor 1; Terminal deoxynucleotidyltransferase-interacting factor 1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,Orangutan
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	37kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DNTTIP1:21-120/329
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	DNTTIP1 binds DNA and enhances the activity of terminal deoxynucleotidyltransferase (TdT, or DNTT; MIM 187410), a DNA polymerase that catalyzes the polymerization of DNA in the absence of a DNA template (Yamashita et al., 2001 [PubMed

11473582)].[supplied by OMIM, Mar 2008]

Subcellular Location:

Nucleus.

Tissue Specificity:

Shown to enhance TdT activity, in vitro.

SWISS:

Q9H147

Gene ID:

116092

Database links:

[Entrez Gene: 116092](#) Human

[Omid: 611388](#) Human

[SwissProt: A6H7A8](#) Cow

[SwissProt: Q9H147](#) Human

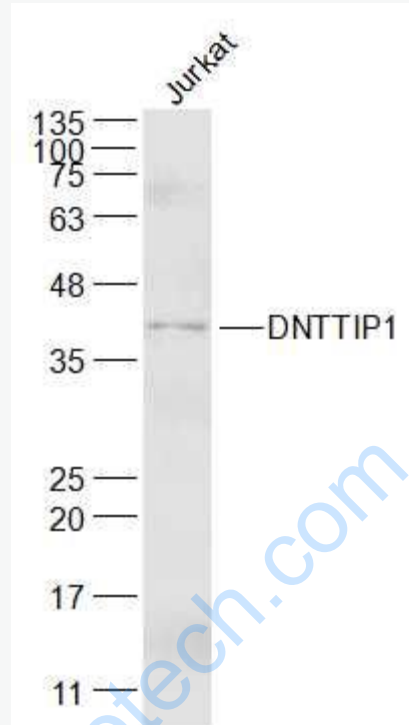
[SwissProt: Q5R595](#) Orangutan

[Unigene: 472852](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

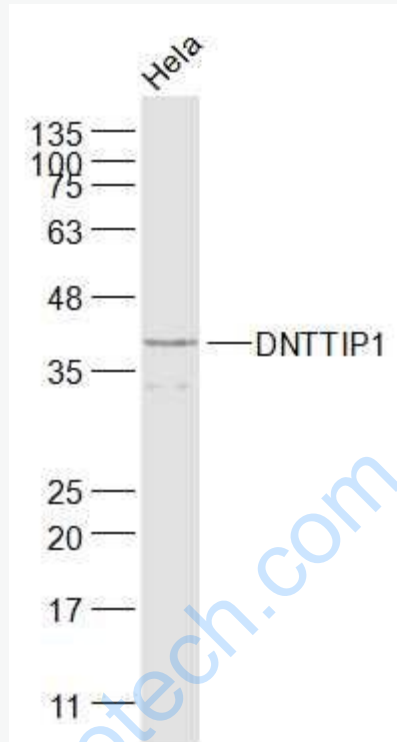
Jurkat(Human) Cell Lysate at 30 ug

Primary: Anti-DNTTIP1 (SL14400R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 37 kD

Observed band size: 38 kD



Sample:

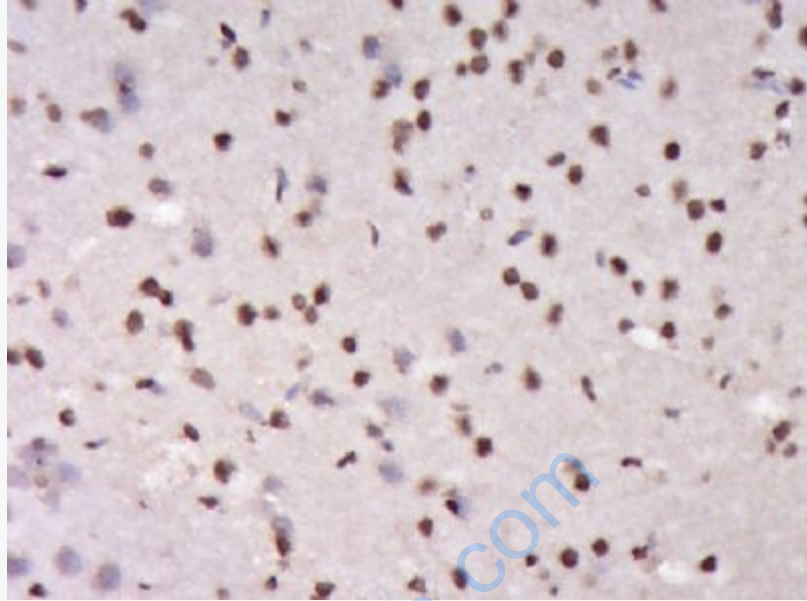
HeLa(Human) Cell Lysate at 30 ug

Primary: Anti-DNTTIP1 (SL14400R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 37 kD

Observed band size: 38 kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DNTTIP1) Polyclonal Antibody, Unconjugated (SL14400R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.