

DNTTIP1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13202c

Specification

DNTTIP1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9H147
Other Accession	NP_443183.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	37013
Antigen Region	145-174

DNTTIP1 Antibody (Center) - Additional Information

Gene ID 116092

Other Names

Deoxynucleotidyltransferase terminal-interacting protein 1, Terminal deoxynucleotidyltransferase-interacting factor 1, TdIF1, TdT-interacting factor 1, DNTTIP1, C20orf167, TDIF1

Target/Specificity

This DNTTIP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 145-174 amino acids from the Central region of human DNTTIP1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DNTTIP1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

DNTTIP1 Antibody (Center) - Protein Information

Name DNTTIP1

Synonyms C20orf167, TDIF1

Function Increases DNTT terminal deoxynucleotidyltransferase activity (in vitro) (PubMed:[11473582](#)). Also acts as a transcriptional regulator, binding to the consensus sequence 5'-GNTGCATG-3' following an AT-tract. Associates with RAB20 promoter and positively regulates its transcription. Binds DNA and nucleosomes; may recruit HDAC1 complexes to nucleosomes or naked DNA.

Cellular Location

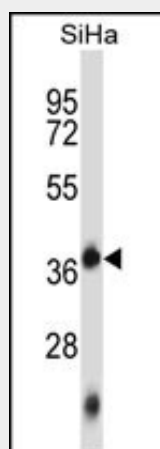
Nucleus

DNTTIP1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DNTTIP1 Antibody (Center) - Images



DNTTIP1 Antibody (Center) (Cat. #AP13202c) western blot analysis in SiHa cell line lysates (35ug/lane). This demonstrates the DNTTIP1 antibody detected the DNTTIP1 protein (arrow).

DNTTIP1 Antibody (Center) - Background

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]).

DNTTIP1 Antibody (Center) - References

Kubota, T., et al. Genes Cells 12(8):941-959(2007)

Lamesch, P., et al. Genomics 89(3):307-315(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
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Tomarev, S.I., et al. Invest. Ophthalmol. Vis. Sci. 44(6):2588-2596(2003)