

For Research Use Only

# DNTTIP1 Polyclonal antibody

Catalog Number: 11637-1-AP



## Basic Information

### Catalog Number:

11637-1-AP

### Size:

150ul , Concentration: 500 ug/ml by Nanodrop and 253 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2213

### GenBank Accession Number:

BC024290

### GeneID (NCBI):

116092

### UNIPROT ID:

Q9H147

### Full Name:

deoxynucleotidyltransferase, terminal, interacting protein 1

### Calculated MW:

329 aa, 37 kDa

### Observed MW:

37 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IF/ICC, IP, ELISA

### Species Specificity:

human

### Positive Controls:

WB : HeLa cells,

IP : HeLa cells,

IF/ICC : HeLa cells,

## Background Information

DNTTIP1, also named as Deoxynucleotidyltransferase terminal-interacting protein 1, is a 329 amino acid protein, which contains a Nuclear localization signal and localizes in the nuclear. DNTTIP1 also acts as a transcriptional regulator, which binding to the consensus sequence 5'-GNTGCATG-3' following an AT-tract. Associates with RAB20 promoter and positively regulates its transcription.

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

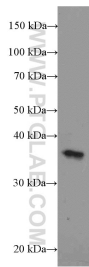
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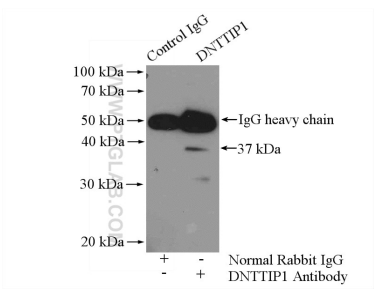
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Selected Validation Data



HeLa cell were subjected to SDS PAGE followed by western blot with 11637-1-AP (DNTTIP1 Antibody) at dilution of 1:500.



IP result of anti-DNTTIP1 (IP:11637-1-AP, 4ug; Detection:11637-1-AP 1:300) with HeLa cells lysate 1200ug.

Immunofluorescent analysis of (4% PFA) fixed HeLa cells using DNTTIP1 antibody (11637-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red).