



[Go to Product page](#)

Datasheet for ABIN7270764  
**anti-RAP1 antibody (AA 1-280)**

2 Images

Overview

Quantity:	100 µL
Target:	RAP1 (TERF2IP)
Binding Specificity:	AA 1-280
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	TERF2IP Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human TERF2IP (NP_061848.2).
Sequence:	MAEAMDLGKD PNGPHTSSTL FVRDDGSSMS FYVRPSPAKR RLSTLILHGG GTVCRVQEPG AVLLAQPGA LAEASGDFIS TQYILDCVER NERLELEYR LGPASAADTG SEAKPGALAE GAAEPEPQRH AGRIAFTDAD DVAILTYVKE NARSPSSVTG NALWKAMEKS SLTQHSWQSL KDRYLKHLRG QEHKYLLGDA PVSPSSQKLK RKAEDPEAA DSGEPQNKRT PDLPEEEYVK EEIQENEEAV KKMLVEATRE FEEVVDESP PDFEIHITMC
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

## Product Details

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Purification: Affinity purification

## Target Details

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Target: RAP1 (TERF2IP)

Alternative Name: TERF2IP ([TERF2IP Products](#))

Background: The gene encodes a protein that is part of a complex involved in telomere length regulation. Pseudogenes are present on chromosomes 5 and 22., TERF2IP, DRIP5, RAP1, Epigenetics & Nuclear Signaling, TERF2IP

Molecular Weight: 44kDa

Gene ID: 54386

UniProt: [Q9NYB0](#)

Pathways: [Cell Division Cycle](#), [Telomere Maintenance](#)

## Application Details

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Application Notes: WB, 1:500 - 1:2000, IF, 1:50 - 1:200

Restrictions: For Research Use only

## Handling

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Format: Liquid

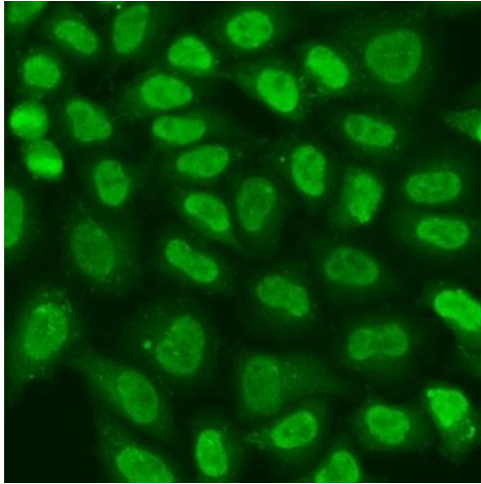
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

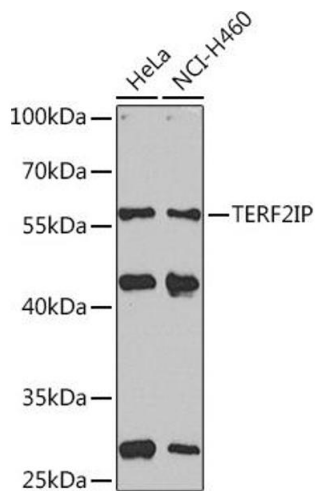
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using TERF2IP antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using TERF2IP Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.