

Nur für Forschungszwecke

# TERF2IP Polyklonaler Antikörper

Katalog-Nr.: 14595-1-AP

2 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
14595-1-AP

Größe:  
150ul, Konzentration: 300 µg/ml von  
Nanodrop und 187 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG6130

GenBank-Zugangsnummer:  
BC005841

GeneID (NCBI):  
54386

Vollständiger Name:  
telomeric repeat binding factor 2,  
interacting protein

Berechnete Masse:  
44 kDa

Beobachtete Masse:  
60 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000  
IP 0.5-4.0 µg für IP und 1:500-1:1000  
für WB  
IHC 1:20-1:200  
IF 1:10-1:100

## Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB: HEK-293-Zellen, A431-Zellen, HeLa-Zellen, HT-1080-Zellen, humanes Plazenta-Gewebe, K-562-Zellen

IP: HeLa-Zellen,

IHC: humanes Tonsillitisgewebe,

IF: HeLa-Zellen,

## Hintergrundinformationen

TERF2IP, also named as DRIP5, RAP1, is a 399 amino acid protein, which belongs to the RAP1 family. TERF2IP associates with chromosomes, both at telomeres and in extratelomeric sites. TERF2IP acts both as a regulator of telomere function and as a transcription regulator. TERF2IP is involved in the regulation of telomere length and protection as a component of the shelterin complex (telosome). In contrast to other components of the shelterin complex, it is dispensable for telomere capping and does not participate in the protection of telomeres against non-homologous end-joining (NHEJ)-mediated repair. The calculated molecular weight of TERF2IP is 44 kDa, but modified TERF2IP, is about 60 kDa. (PMID: 15838871)

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yuanlong Ge	27220467	Nucleic Acids Res	WB
Radhika Koranne	35167828	Exp Cell Res	WB

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

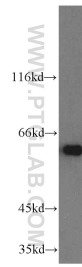
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

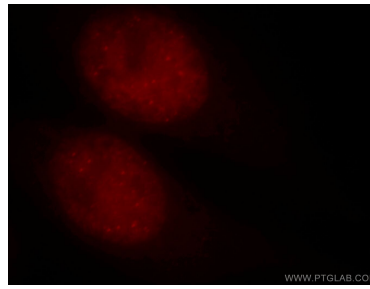
E: proteintech@ptglab.com  
W: ptglab.com

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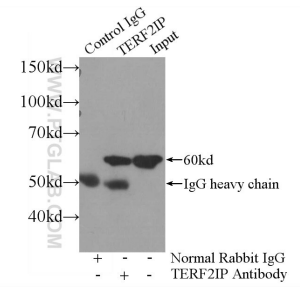
## Ausgewählte Validierungsdaten



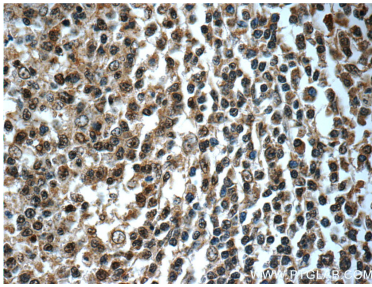
HEK-293 cells were subjected to SDS PAGE followed by western blot with 14595-1-AP (TERF2IP antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



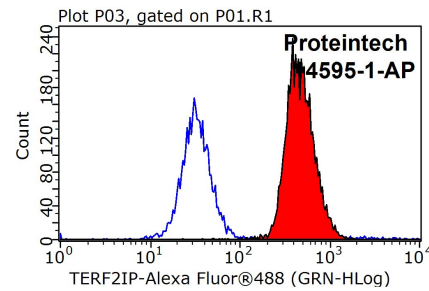
Immunofluorescent analysis of HeLa cells, using TERF2IP antibody 14595-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-TERF2IP (IP:14595-1-AP, 3ug; Detection:14595-1-AP 1:800) with HeLa cells lysate 2720ug.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 14595-1-AP (TERF2IP Antibody) at dilution of 1:50 (under 40x lens).



1X10<sup>6</sup> HeLa cells were stained with 0.2ug TERF2IP antibody (14595-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.