

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TERF2IP



Numéro de catalogue: 14595-1-AP

2 Publications

Informations de base

Numéro de catalogue:
14595-1-AP

Taille:
150ul, Concentration: 300 µg/ml by Nanodrop and 187 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG6130

Numéro d'acquisition GenBank:
BC005841

Identification du gène (NCBI):
54386

Nom complet:
telomeric repeat binding factor 2, interacting protein

MW calculé
44 kDa

MW observés:
60 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200
IF 1:50-1:500

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HEK-293, cellules A431, cellules HeLa, cellules HT-1080, cellules K-562, tissu placentaire humain

IP : cellules HeLa,

IHC : tissu d'amygdalite humain,

IF : cellules HeLa,

Informations générales

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)

Publications notables

Autrice	Pubmed ID	Journal	Application
Yuanlong Ge	27220467	Nucleic Acids Res	WB
Radhika Koranne	35167828	Exp Cell Res	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

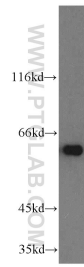
For technical support and original validation data for this product please contact:

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

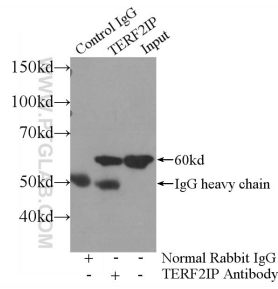
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

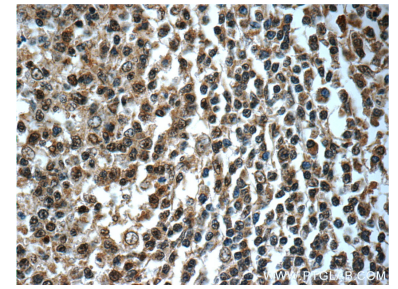
Données de validation sélectionnées



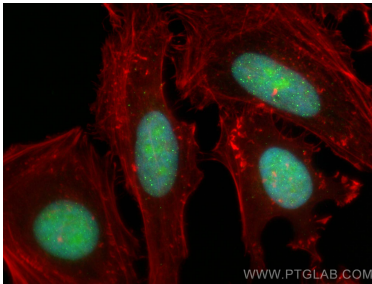
HEK-293 cells were subjected to SDS PAGE followed by western blot with 14595-1-AP (TERF2IP antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



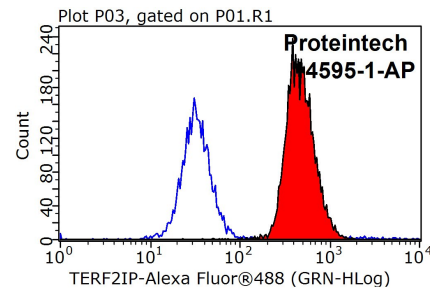
IP Result of anti-TERF2IP (IP:14595-1-AP, 3ug; Detection:14595-1-AP 1:800) with HeLa cells lysate 2720ug.



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



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TERF2IP antibody (14595-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



1X10⁶ 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.