À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TERF2

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:22020-1-AP 1 Publications

Informations de base

Numéro de catalogue:
22020-1-AP

Taille:
150ul , Concentration: 600 μg/ml by Nanodrop and 287 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG16798

Numéro d'acquisition GenBank:
BC024890

Identification du gène (NCBI):
7014

Nom complet:
telomeric repeat binding factor 2

MW calculé
56 kDa

MW observés:
65-69 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:2000-1:12000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500

Applications

Applications testées:
IHC, IP, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules Jurkat, cellules K-562, cellules MCF-7, cellules NIH/3T3

IP : cellules K-562,

IHC : tissu de gliome humain, tissu cérébral de rat, tissu cérébral de souris

Informations générales

TRF2, also named as TRBF2 and Telomeric repeat-binding factor 2, is a 542 amino acid protein, which contains 1 HTH myb-type DNA-binding domain and localizes in the Nucleus. TRF2 binds the telomeric double-stranded 5'-TTAGGG-3' repeat and plays a central role in telomere maintenance and protection against end-to-end fusion of chromosomes. TRF2 is a component of the shelterin complex (telosome) that is involved in the regulation of telomere length and protection. TRF2 together with DCLRE1B/Apollo, is required to control the amount of DNA topoisomerase (TOP1, TOP2A and TOP2B), which is needed for telomere replication during fork passage and prevent aberrant telomere topology. TRF2 recruits TERF2IP/RAP1 to telomeres, thereby participating in to repressing homology-directed repair (HDR), which can affect telomere length.

Publications notables

Autrice	Pubmed ID	Journal	Application
Qiuhui Yang	37113742	Oxid Med Cell Longev	WB

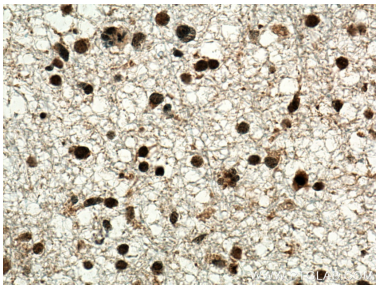
Stockage

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.**

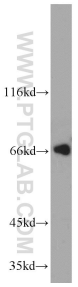
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

Données de validation sélectionnées

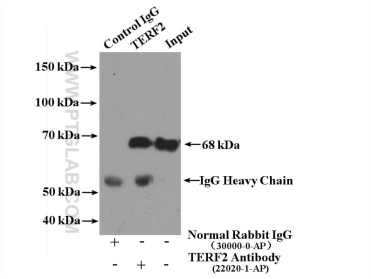


Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 22020-1-AP (TERF2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

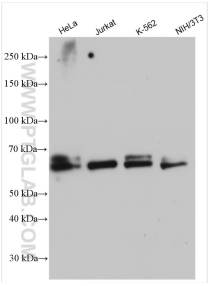
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 22020-1-AP (TERF2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Jurkat cells were subjected to SDS PAGE followed by western blot with 22020-1-AP (TERF2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-TERF2 (IP:22020-1-AP, 4ug; Detection:22020-1-AP 1:500) with K-562 cells lysate 4000ug.



Various lysates were subjected to SDS PAGE followed by western blot with 22020-1-AP (TERF2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.