

À des fins de recherche uniquement

Anticorps Monoclonal anti-TERF2

Numéro de catalogue: 66893-1-Ig **2 Publications**



Informations de base

Numéro de catalogue: 66893-1-Ig	Numéro d'acquisition GenBank: BC024890	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2000 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 7014	CloneNo.: 5B1E1
Hôte: Mouse	Nom complet: telomeric repeat binding factor 2	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:500-1:2000
Isotype: IgG1	MW calculé 56 kDa	
Immunogen Catalog Number: AG28513	MW observés: 60-65.32-35 kDa	

Applications

Applications testées: IHC, WB, ELISA	Contrôles positifs:
Demandes citées: IF, WB	WB : cellules Jurkat, cellules 4T1, cellules Daudi, cellules HEK-293, cellules HSC-T6, cellules HT-29, cellules K-562, cellules MCF-7, cellules NIH/3T3
Spécificité de l'espèce: Humain, rat, souris	IHC : tissu de gliome humain, tissu cérébral de rat, tissu cérébral de souris
Espèces citées: Humain, souris	
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.	

Informations générales

TERF2, also named as TRF2 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. TERF2 is a component of the shelterin complex (telosome) that is involved in the regulation of telomere length and protection. TERF2 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. TERF2 recruits TERF2IP/RAP1 to telomeres, thereby participating in to repressing homology-directed repair (HDR), which can affect telomere length. TERF2 exists some isoforms with MV 60 kDa and 32 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaoyu Qi	35837283	Front Pharmacol	WB
Ji Hoon Lee	34321211	Sci Adv	IF

Stockage

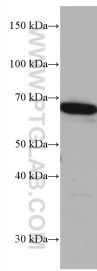
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoteure de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

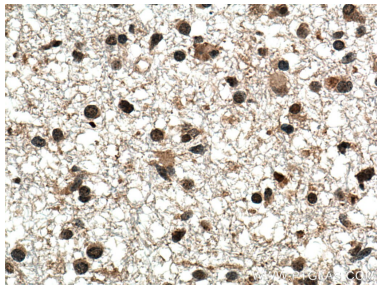
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



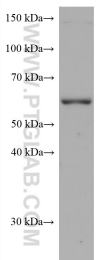
MCF-7 cells were subjected to SDS PAGE followed by western blot with 66893-1-Ig (TERF2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



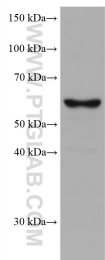
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66893-1-Ig (TERF2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



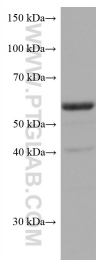
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66893-1-Ig (TERF2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HEK-293 cells were subjected to SDS PAGE followed by western blot with 66893-1-Ig (TERF2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Jurkat cells were subjected to SDS PAGE followed by western blot with 66893-1-Ig (TERF2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



4T1 cells were subjected to SDS PAGE followed by western blot with 66893-1-Ig (TERF2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.