

TERF2 Monoklonaler Antikörper

Katalog-Nr.: 66893-1-Ig 2 Publikationen

Allgemeine Informationen

Katalog-Nr.: 66893-1-Ig	GenBank-Zugangsnummer: BC024890	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 2000 µg/ml von 7014 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: telomeric repeat binding factor 2	CloneNo.: 5B1E1 Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:500-1:2000
Wirt: Maus	Berechnete Masse: 56 kDa	
Isotyp: IgG1	Beobachtete Masse: 60-65.32-35 kDa	
Immunogen Katalognummer: AG28513		

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: IF, WB	WB : Jurkat-Zellen, 4T1-Zellen, Daudi-Zellen, HEK-293-Zellen, HT-29-Zellen, K-562-Zellen, MCF-7-Zellen, NIH/3T3-Zellen
Getestete Reaktivität: Human, Maus, Ratte	IHC : humanes Gliomgewebe, Maushirngewebe, Rattenhirngewebe
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

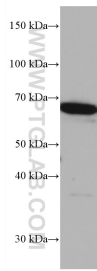
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

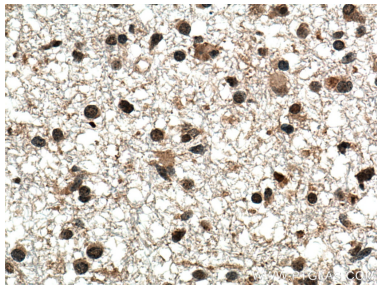
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

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

Ausgewählte Validierungsdaten



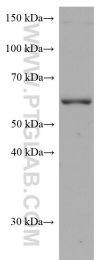
MCF-7 cells were subjected to SDS PAGE followed by western blot with 66893-1-Ig (TERF2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



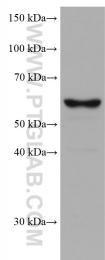
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66893-1-Ig (TERF2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



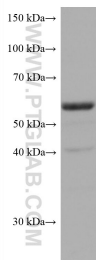
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66893-1-Ig (TERF2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.