

For Research Use Only

TERF1 Monoclonal antibody

Catalog Number: 67592-1-Ig **1 Publications**



Basic Information

Catalog Number: 67592-1-Ig	GenBank Accession Number: BC029378	Purification Method: Protein A purification
Size: 150ul , Concentration: 1700 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7013	CloneNo.: 1D10G4
Source: Mouse	UNIPROT ID: P54274	Recommended Dilutions: WB 1:1000-1:6000
Isotype: IgG1	Full Name: telomeric repeat binding factor (NIMA-interacting) 1	
Immunogen Catalog Number: AG12540	Calculated MW: 439 aa, 50 kDa	
	Observed MW: 48-50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells, HEK-293 cells, Jurkat cells
Cited Applications: WB, IP, ChIP	
Species Specificity: human	
Cited Species: human	

Background Information

Telomeres are nucleoprotein complexes located at chromosome ends that consist of tandem arrays of TTAGGG repeats bound to specific proteins. Telomeres protect chromosome ends from degradation and end-to-end fusions, prevent activation of DNA damage checkpoints, and modulate the maintenance of telomeric DNA by telomerase. TERF1 (telomeric repeat-binding factor 1) binds the telomeric double-stranded TTAGGG repeat and negatively regulates telomere length. It's one component of the shelterin complex, which involved in the regulation of telomere length and protection.

Notable Publications

Author	Pubmed ID	Journal	Application
Athanasios Siametis	38744897	Nat Commun	WB,IP,ChIP

Storage

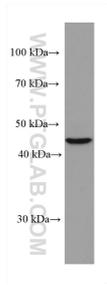
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 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)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 67592-1-Ig (TERF1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.