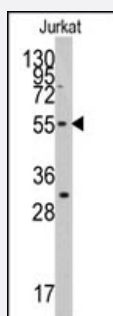


TERF1 polyclonal antibody

Catalog # PAB2607

Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of TERF1 polyclonal antibody (Cat # PAB2607) in Jurkat cell line lysates (35 ug/lane). TERF1 (C-term) (arrow) was detected using the purified polyclonal antibody.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TERF1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human TERF1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Ammonium sulfate precipitation
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of TERF1 polyclonal antibody (Cat # PAB2607) in Jurkat cell line lysates (35 ug/lane). TERF1 (C-term) (arrow) was detected using the purified polyclonal antibody.

Gene Info — TERF1

Entrez GeneID	7013
Gene Name	TERF1
Gene Alias	FLJ41416, PIN2, TRBF1, TRF, TRF1, hTRF1-AS, t-TRF1
Gene Description	telomeric repeat binding factor (NIMA-interacting) 1
Omim ID	600951
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a telomere specific protein which is a component of the telomere nucleoprotein complex. This protein is present at telomeres throughout the cell cycle and functions as an inhibitor of telomerase, acting in cis to limit the elongation of individual chromosome ends. The protein structure contains a C-terminal Myb motif, a dimerization domain near its N-terminus and an acidic N-terminus. Two transcripts of this gene are alternatively spliced products. [provided by RefSeq]
Other Designations	telomeric repeat binding factor 1 telomeric repeat binding protein 1

Publication Reference

- [Regulation of telomeric repeat binding factor 1 binding to telomeres by casein kinase 2-mediated phosphorylation.](#)

Kim MK, Kang MR, Nam HW, Bae YS, Kim YS, Chung IK.

The Journal of Biological Chemistry 2008 May; 283(20):14144.

Application: IF, WB, Human, MCF-7 cells

- [Tethering telomeric double- and single-stranded DNA-binding proteins inhibits telomere elongation.](#)

Etheridge KT, Compton SA, Barrientos KS, Ozgur S, Griffith JD, Counter CM.

The Journal of Biological Chemistry 2008 Mar; 283(11):6935.

- [Telomere elongation by a mutant tankyrase 1 without TRF1 poly\(ADP-ribosyl\)ation.](#)

Muramatsu Y, Tahara H, Ono T, Tsuruo T, Seimiya H.

Experimental Cell Research 2008 Mar; 314(5):1115.

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