

TRF1 Polyclonal Antibody

Catalog NumberPA1-41064

Product data sheet

Details		Tested Applications	Dilution *
Size	100 µg	Western Blot (WB)	4-6 µg/mL
Host/Isotope	Rabbit / IgG	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Class	Polyclonal		
Type	Antibody		
Immunogen	Synthetic peptides corresponding to residues 321-335 and 406-420 of human TRF1.		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Suggested positive control: 293 whole cell lysate, antigen standard for TERF1 (transient overexpression lysate), Jurkat or 293 cell lysate, Jurkat whole cell lysate.

Background/Target Information

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.

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