

TRF2 Polyclonal Antibody

Catalog Number PA1-41023

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Goat / IgG	Tested Applications	
Class	Polyclonal	ChIP assay (ChIP)	1:20-1:1,000
Type	Antibody	Flow Cytometry (Flow)	Assay-Dependent
Immunogen	Baculovirus expressed His-tagged whole length TRF2 protein.	Immunohistochemistry (Paraffin) (IHC (P))	15 µg/mL
Conjugate	Unconjugated	Immunoprecipitation (IP)	2 µg/ million cells
Form	Liquid	Western Blot (WB)	2 µg/mL
Concentration	1 mg/mL	Immunocytochemistry (ICC/IF)	1:10-1:500
Purification	Protein G	* 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.	
Storage buffer	PBS		
Contains	0.05% sodium azide		
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: antigen standard for TERF2 (transient overexpression lysate), Daudi, HeLa, HL-60, or Jurkat.

Background/Target Information

TRF2 is a ubiquitously expressed protein that is implicated in the control of telomere length. TRF2, like TRF1 contains a Myb-related DNA binding motif. It binds to duplex TTAGGG repeats and is localized to all human telomeres in metaphase chromosomes. TRF2 is thought to protect chromosome ends by maintaining the correct structure at telomere termini. The use of mutant forms of TRF2 has implicated a role for TRF2 in the prevention of senescence in primary human cells. Recently, it has been shown that inhibition of TRF2 resulted in apoptosis in a subset of mammalian cell types.

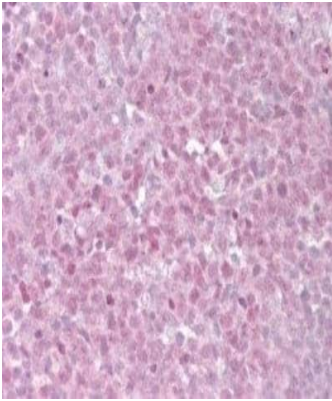
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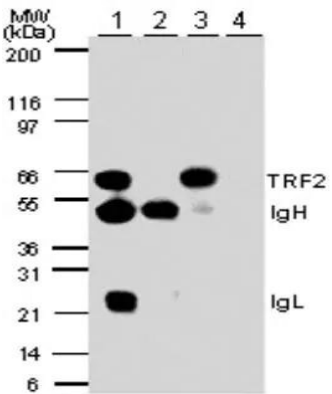
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Product Images For TRF2 Polyclonal Antibody



TRF2 Antibody (PA1-41023) in IHC (P)

Immunohistochemical analysis of TRF2 in Human Tonsil. Samples were incubated in TRF2 polyclonal antibody (Product # PA1-41023).



TRF2 Antibody (PA1-41023) in IP

Immunoprecipitation of TRF2 was performed using HL60 cells. Antigen-antibody complexes were formed by incubating HL60 cells with TRF2 polyclonal antibody (Product # PA1-41023). Lane 1. IP (mouse anti-TRF2). Lane 2. IP with control mouse IgG. Lane 3 IP with goat anti-TRF2. Lane 4. IP with pre-immune goat Ig. Lanes 1-4. WB. TRF2 is detected as a ~ 66 kD protein.

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