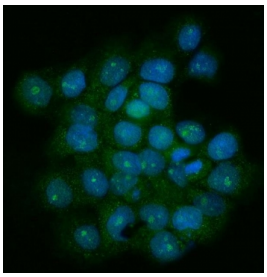
Telomeric repeat-binding factor 1 Antibody / TRF1 / TERF1 (RQ6806)

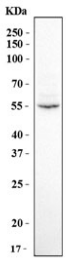
Catalog No.	Formulation	Size
RQ6806	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P54274
Localization	Nuclear, cytoplasmic
Applications	Western blot: 1-2ug/ml Immunofluorescence: 1-2ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This Telomeric repeat-binding factor 1 antibody is available for research use only.



Immunofluorescent staining of FFPE human A431 cells with Telomeric repeat-binding factor 1 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human Jurkat cell lysate with Telomeric repeat-binding factor 1 antibody. Predicted molecular weight: 50-65 kDa depending on level of acetylation.

Description

Telomeric repeat-binding factor 1 is a protein that in humans is encoded by the TERF1 gene. 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.

Application Notes

Optimal dilution of the Telomeric repeat-binding factor 1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids Q119-R341) was used as the immunogen for the Telomeric repeat-binding factor 1 antibody.

Storage

After reconstitution, the Telomeric repeat-binding factor 1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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