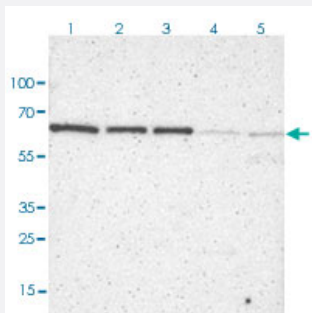


TERF2 polyclonal antibody

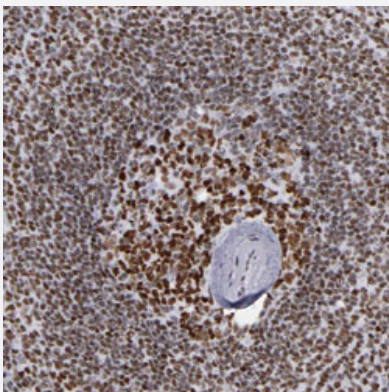
Catalog # PAB29319 Size 100 uL

Applications



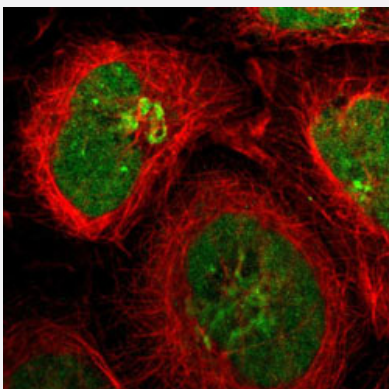
Western Blot

Western blot analysis of Lane 1: Human cell line RT-4; Lane 2: Human cell line U-251MG sp; Lane 3: Human cell line A-431; Lane 4: Human liver tissue; Lane 5: Human tonsil tissue with TERF2 polyclonal antibody (Cat# PAB29319) at 1:100-1:250 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human spleen with TERF2 polyclonal antibody (Cat# PAB29319) shows strong nuclear positivity in cells in white pulp at 1:200-1:500 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with TERF2 polyclonal antibody (Cat# PAB29319) under 1-4 ug/mL working concentration shows positivity in nucleus and the Golgi apparatus.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human TERF2.
Immunogen	Recombinant protein corresponding to amino acids of human TERF2.
Sequence	STGKEDKQPAPGPVEKPPPREPARQLRNPPPTIGMMLKAAFKTLGAQDSEAAFAKLDQKDLVL PTQALPASPALKNKRPRKDENESEAPADGEGGSELQPKNKRMTISRLVLEEDSQSTEPS
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Western Blot (1:100-1:250) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% 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

Western blot analysis of Lane 1: Human cell line RT-4; Lane 2: Human cell line U-251MG sp; Lane 3: Human cell line A-431; Lane 4: Human liver tissue; Lane 5: Human tonsil tissue with TERF2 polyclonal antibody (Cat# PAB29319) at 1:100-1:250 dilution.

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Gene Info — TERF2

Entrez GeneID [7014](#)

Protein Accession# [Q15554](#)

Gene Name TERF2

Gene Alias TRBF2, TRF2

Gene Description telomeric repeat binding factor 2

Omim ID [602027](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a telomere specific protein, TERF2, which is a component of the telomere nucleoprotein complex. This protein is present at telomeres in metaphase of the cell cycle, is a second negative regulator of telomere length and plays a key role in the protective activity of telomeres. While having similar telomere binding activity and domain organization, TERF2 differs from TERF1 in that its N terminus is basic rather than acidic. [provided by RefSeq]

Other Designations telomeric repeat binding protein 2

Disease

- [Anemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Endometrial Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Neoplasm Metastasis](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)

- [Werner syndrome](#)