

Rabbit anti-Human TERF2 Polyclonal Antibody | anti-TERF2 antibody

TERF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40606	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

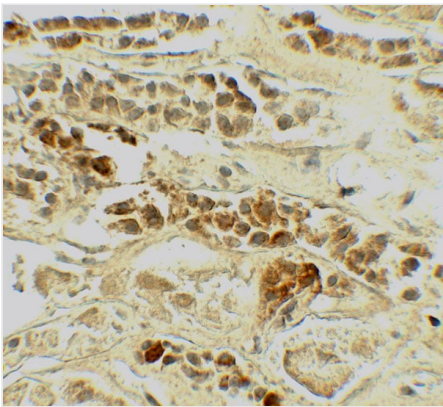
PRODUCT SYNONYMS

TERF2; Polyclonal Antibody; TERF2 Antibody; TRF2; TRBF2; Telomeric repeat-binding factor 2; TTAGGG repeat-binding factor 2; telomeric repeat binding factor 2; anti-TERF2 antibody

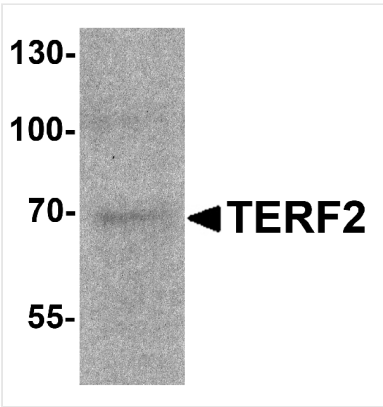
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	TERF2 antibody is human specific.
Purity/Purification	TERF2 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	542
Applicable Applications for anti-TERF2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TERF2 antibody was raised against a 17 amino acid peptide near the amino terminus of human TERF2.
Buffer	TERF2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TERF2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of TERF2 in human kidney tissue with TERF2 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of TERF2 in 293 cell lysate with TERF2 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TERF2 antibody	The telomeric repeat binding factor family (TERF1 and TERF2) plays a key role in cellular immortalization and cellular senescence (1). TERF2, as a component of the telomere nucleoprotein complex, is present at telomeres in metaphase of the cell cycle (2). TERF2 is a second negative regulator of telomere length and binds as a dimer to TTAGGG repeats at ends of chromosomes (telomeres), where it blocks inappropriate activation of the ATM/p53 pathway (2,3). TERF1 negatively regulates telomere elongation, while TERF2 protects the chromosome ends by inhibiting end-to-end fusions. Down-regulation of TRF expression in tumor cells may contribute to cell immortalization and malignant progression (4,5).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	429535832
NCBI GeneID	7014
NCBI Accession #	NP_005643
NCBI GenBank Nucleotide #	NM_005652.4
UniProt Accession #	Q15554
Molecular Weight	Predicted: 60 kDa Observed: 69 kDa
NCBI Official Full Name	telomeric repeat-binding factor 2
NCBI Official Synonym Full Names	telomeric repeat binding factor 2
NCBI Official Symbol	TERF2
NCBI Official Synonym Symbols	TRF2; TRBF2
NCBI Protein Information	telomeric repeat-binding factor 2; telomeric DNA-binding protein; TTAGGG repeat-binding factor 2; telomeric repeat binding protein 2
UniProt Protein Name	Telomeric repeat-binding factor 2
UniProt Gene Name	TERF2
UniProt Synonym Gene Names	TRBF2; TRF2
UniProt Entry Name	TERF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/terf2-antibody-immunohistochemistry-western-blot-elisa/40606>