

Rabbit anti-Human, Rat TRF2 Polyclonal Antibody | anti-TERF2 antibody

Anti-TRF2 Antibody

CATALOG # AAA46722	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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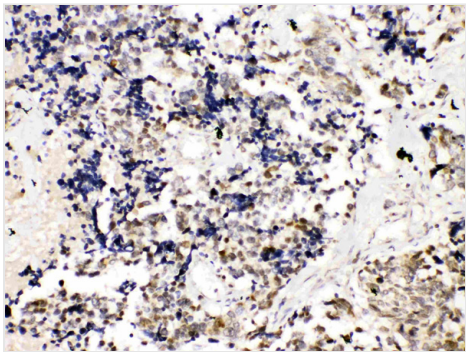
PRODUCT SYNONYMS

TRF2; Polyclonal Antibody; Anti-TRF2 Antibody; TERF 2; Terf2; TRBF 2; TRBF2; TRF 2; Q15554; Telomeric repeat-binding factor 2; anti-TERF2 antibody

PRODUCT SPECIFICATIONS

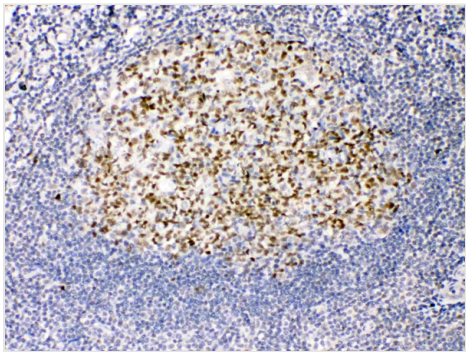
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	542
Applicable Applications for anti-TERF2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Notes	Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E Coli-derived human TRF2 recombinant protein (Position: A81-K287). Human TRF2 shares 95.7% amino acid (aa) sequence identity with mouse TRF2.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



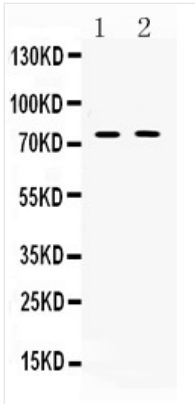
IHC (Immunohistochemisry)

TRF2 was detected in paraffin-embedded sections of human lung cancer tissues using rabbit anti- TRF2 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohiostchemistry)

TRF2 was detected in paraffin-embedded sections of human tonsil tissues using rabbit anti- TRF2 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)

Western blot analysis of TRF2 expression in rat thymus extract (lane 1) and COLO320 whole cell lysates (lane 2). TRF2 at 75KD was detected using rabbit anti- TRF2 Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-TRF2 antibody	Rabbit IgG polyclonal antibody for Telomeric repeat-binding factor 2(TERF2) detection. Background: Telomeric repeat-binding factor 2, also known as TERF2, TRF2, or TRBF2, is encoded in humans by the TERF2 gene. 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.
References	1. "Entrez Gene: TERF2 telomeric repeat binding factor 2". 2. Opresko PL, von Kobbe C, Laine JP, Harrigan J, Hickson ID, Bohr VA (October 2002). "Telomere-binding protein TRF2 binds to and stimulates the Werner and Bloom syndrome helicases". J. Biol. Chem. 277 (43): 41110-9. 3. Sakaguchi, A. Y.; Padalecki, S. S.; Mattern, V.; Rodriguez, A.; Leach, R. J.; McGill, J. R.; Chavez, M.; Giambernardi, T. A. (1998-05-01). "Chromosomal sublocalization of the transcribed human telomere repeat binding factor 2 gene and comparative mapping in the mouse". Somatic Cell and Molecular Genetics. 24 (3): 157-163.

NCBI AND UNIPROT INFORMATION

NCBI GI #	429535832
NCBI GeneID	7014
NCBI Accession #	NP_005643.2

NCBI GenBank Nucleotide #	NM_005652.4
UniProt Accession #	Q15554
Molecular Weight	32,298 Da
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
UniProt Protein Name	Telomeric repeat-binding factor 2
UniProt Gene Name	TERF2
UniProt Synonym Gene Names	TRBF2; TRF2

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/trf2-antibody-immunohistochemistry-western-blot-elisa/46722>