

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

TERT Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296512	Rabbit	Human	Immunohistochemistry, Western Blot

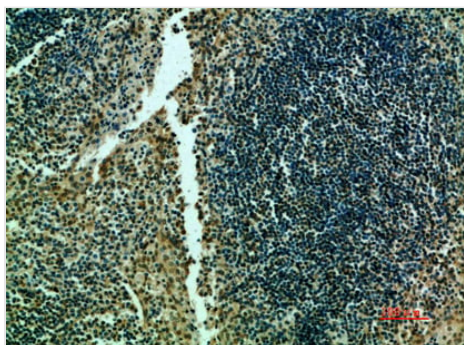
PRODUCT SYNONYMS

TERT; Polyclonal Antibody; TERT Polyclonal Antibody; Telomerase reverse transcriptase (EC 2.7.7.49)(HST2)(Telomerase catalytic subunit)(Telomerase-associated protein 2)(TP2); anti-TERT antibody

PRODUCT SPECIFICATIONS

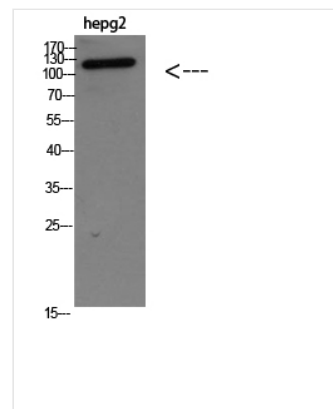
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-TERT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



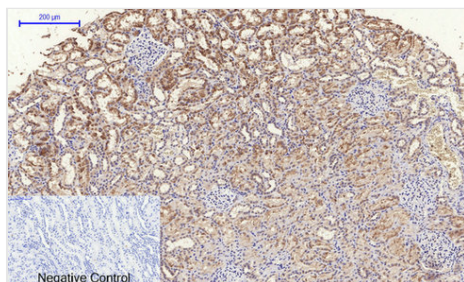
IHC (Immunohistochemistry)

Dilution: WB 1:500-2000, IHC-p 1:500-200, ELISA 1:10000-20000



WB (Western Blot)

Dilution: WB 1:500-2000, IHC-p 1:500-200, ELISA 1:10000-20000



WB (Western Blot)

Dilution: WB 1:500-2000, IHC-p 1:500-200, ELISA 1:10000-20000

ADDITIONAL INFORMATION

Related Product Information for anti-TERT antibody	Telomerase is a ribonucleoprotein enzyme essential for the replication of chromosome termini in most eukaryotes. Active in progenitor and cancer cells. Inactive, or very low activity, in normal somatic cells. Catalytic component of the telomerase holoenzyme complex whose main activity is the elongation of telomeres by acting as a reverse transcriptase that adds simple sequence repeats to chromosome ends by copying a template sequence within the RNA component of the enzyme. Catalyzes the RNA- dependent extension of 3'-chromosomal termini with the 6-nucleotide telomeric repeat unit, 5'-TTAGGG-3'. The catalytic cycle involves primer binding, primer extension and release of product once the template boundary has been reached or nascent product translocation followed by further extension. More active on substrates containing 2 or 3 telomeric repeats. Telomerase activity is regulated by a number of factors including telomerase complex-associated proteins, chaperones and polypeptide modifiers. Modulates Wnt signaling. Plays important roles in aging and antiapoptosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	301129200
NCBI GeneID	7015
NCBI Accession #	NP_001180305.1
NCBI GenBank Nucleotide #	NM_001193376.1
UniProt Accession #	O14746; O14783; Q2XS35; Q8N6C3; Q8NG46
Molecular Weight	126,997 Da
NCBI Official Full Name	telomerase reverse transcriptase isoform 2
NCBI Official Synonym Full Names	telomerase reverse transcriptase
NCBI Official Symbol	TERT
NCBI Official Synonym Symbols	TP2; TRT; CMM9; EST2; TCS1; hTRT; DKCA2; DKCB4; hEST2; PFBMFT1
NCBI Protein Information	telomerase reverse transcriptase; telomerase catalytic subunit; telomerase-associated protein 2
UniProt Protein Name	Telomerase reverse transcriptase
UniProt Gene Name	TERT
UniProt Synonym Gene Names	EST2; TCS1; TRT; TP2
UniProt Entry Name	TERT_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://www.aaabiotech.com/polyclonal/tert-antibody-immunohistochemistry-western-blot-elisa/296512>