

DNAxPAb

Hard-to-Find
Antibody

TERT DNAxPab

Catalog # H00007015-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TERT DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPRAPRCRAVRSLLRSHYREVLPLATFVRRLLGPQGWRLVQRGDPAAFRALVAQCLVCPWDAR PPPAAPSFRQVSCLELVARVLQRLCERGAKNVLAFGFALLDGARGGPPEAFTTSVRSYLPNTV TDALRGSGAWGLLLRRVGDDVLVHLLARCALFVLVAPSCAYQVCGPPLYQLGAATQARPPPHAS GPRRRLGCERAWNHSVREAGVPLGLPAPGARRRGGSASRSLPLPKRPRRGAAPERTPVGQ GSWAHPGRTRGPSDRGFCVVSPARPAEEATSLEGALSGTRHSHPSVGRQHHAGPPSTSRPPR PWDTPCPPVYAETKFLYSSGDKEQLRPSFLLSSLRPSLTGARRLVETIFLGSRPWMPGTPRRLP RLPQRYWQMRPLFLELLGNHAQCPYGVLLKTHCPLRAAVTPAAGVCAREKPQGSVAAPEEEDT DPRRLVQLLRQHSSPWQVYGFVRACLRRLVPPGLWGSRHNERFLRNTKKFISLGKHAKLSLQE LTWKMSVRDCAWLRRSPGVGCVPAAEHRLREEILAKFLHWLMSVYVVELLSFFYVTETTFQKN RLFFYRKS VWSKLQSIGIRQHLKRVQLRELSEAEVRQHREARPAALLTSRLRFIPKPDGLRPV NMDY VVGARTFRREKRAERLTSRVKALFSVLNYERARRPGLLGASVLGLDDIHRAWRTFVLRVRAQDPP PELYFVKVDVTGAYDTIPQDRLTEVIASIIKPQNTYCVRRYAVVQKAAHGHVRKAFKSHVSTLTDLQ PYMRQFVAHLQETSPLRDAVVIEQSSSLNEASSGLFDVFLRFMCHHAVRIRGKSYVQCQGI PQGS LSTLLCSLCYGD MENKLFAGIRRDG LLLRLVDDFLLVTPHLTHAKTFLRTLVRGVPEYGC VVNLRK TVVNFPEDEALGGTAFVQMPAHGLFPWCGLLLDTRTLEVQSDYSSYARTSIRASLT FNRGFKAG RNMRRKLFGLVRLKCHSLF LDLQVNSLQTVCTNIYKILLQAYRFHACVLQLPFHQQVWKNPTFFL RVISDTASLCYSILKAKNAGMSLGAKGAAGPLPSEAVQWLCHQAFLLKLTRHRVTYVPLLGLSLRTA QTQLSRKLP GTTLTALEAAANPALPSDFKTILD
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — TERT

Entrez GeneID [7015](#)

GeneBank Accession# [NM_198253.2](#)

Protein Accession# [NP_937983.2](#)

Gene Name TERT

Gene Alias EST2, TCS1, TP2, TRT, hEST2

Gene Description telomerase reverse transcriptase

Omim ID [187270 609135](#)

Gene Ontology [Hyperlink](#)

Gene Summary Telomerase is a ribonucleoprotein polymerase that maintains telomere ends by addition of the telomere repeat TTAGGG. The enzyme consists of a protein component with reverse transcriptase activity, encoded by this gene, and an RNA component which serves as a template for the telomere repeat. Telomerase expression plays a role in cellular senescence, as it is normally repressed in postnatal somatic cells resulting in progressive shortening of telomeres. Deregulation of telomerase expression in somatic cells may be involved in oncogenesis. Studies in mouse suggest that telomerase also participates in chromosomal repair, since de novo synthesis of telomere repeats may occur at double-stranded breaks. Alternatively spliced variants encoding different isoforms of telomerase reverse transcriptase have been identified; the full-length sequence of some variants has not been determined. Alternative splicing at this locus is thought to be one mechanism of regulation of telomerase activity. [provided by RefSeq]

Other Designations telomerase catalytic subunit

Disease

- [Adenocarcinoma](#)
- [Anemia](#)
- [Asthma](#)
- [Bone Marrow Diseases](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Dyskeratosis Congenita](#)
- [Eczema](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Genomic Instability](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Head and Neck Neoplasms](#)
- [Hepatitis](#)
- [Hypersensitivity](#)
- [Leukemia](#)
- [Lung Neoplasms](#)

- [Melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Myocardial Infarction](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Ovarian Neoplasms](#)
- [Pancreatic Neoplasms](#)
- [Papillomavirus Infections](#)
- [Pulmonary Disease](#)
- [Pulmonary Fibrosis](#)
- [Rhinitis](#)
- [Skin Neoplasms](#)
- [Syndrome](#)
- [Testicular Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Virus Diseases](#)
- [Werner syndrome](#)