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	MPRAPRCRAVRSLLRSHYREVLPLATFVRRLGPQGWRLVQRGDPAAFRALVAQCLVCVPWDAR PPPAAPSFRQVSCLKELVARVLQRLCERGAKNVLAFGFALLDGARGGPPEAFTTSVRSYLPNTV TDALRGSGAWGLLLRRVGDDVLVHLLARCALFVLVAPSCAYQVCGPPLYQLGAATQARPPPHAS GPRRRLGCERAWNHSVREAGVPLGLPAPGARRRGGSASRSLPLPKRPRRGAAPEPERTPVGQ GSWAHPGRTRGPSDRGFCVVSPARPAEEATSLEGALSGTRHSHPSVGRQHHAGPPSTSRPPR PWDTPCPPVYAETKHFLYSSGDKEQLRPSFLLSSLRPSLTGARRLVETIFLGSRPWMPGTPRRLP RLPQRYWQMRPLFLELLGNHAQCPYGVLLKTHCPLRAAVTPAAGVCAREKPQGSVAAPEEEDT DPRRLVQLLRQHSSPWQVYGFVRACLRRLVPPGLWGSRHNERRFLRNTKKFISLGKHAKLSLQE LTWKMSVRDCAWLRRSPGVGCVPAAEHRLREEILAKFLHWLMSVYVVELLRSFFYVTETTFQKN RLFFYRKSVWSKLQSIGIRQHLKRVQLRELSEAEVRQHREARPALLTSRLRFIPKPDGLRPIVNMDY VVGARTFRREKRAERLTSRVKALFSVLNYERARRPGLLGASVLGLDDIHRAWRTFVLRVRAQDPP PELYFVKVDVTGAYDTIPQDRLTEVIASIIKPQNTYCVRRYAVVQKAAHGHVRKAFKSHVSTLTDLQ PYMRQFVAHLQETSPLRDAVVIEQSSSLNEASSGLFDVFLRFMCHHAVRIRGKSYVQCQGIPQGSI LSTLLCSLCYGDMENKLFAGIRRDGLLLRLVDDFLLVTPHLTHAKTFLRTLVRGVPEYGCVVNLRK TVVNFPVEDEALGGTAFVQMPAHGLFPWCGLLLDTRTLEVQSDYSSYARTSIRASLTFNRGFKAG RNMRRKLFGVLRLKCHSLFLDLQVNSLQTVCTNIYKILLLQAYRFHACVLQLPFHQQVWKNPTFFL RVISDTASLCYSILKAKNAGMSLGAKGAAGPLPSEAVQWLCHQAFLLKLTRHRVTYVPLLGSLRTA QTQLSRKLPGTTLTALEAAANPALPSDFKTILD
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.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Applications

- Flow Cytometry (Transfected cell)
- Western Blot (Transfected lysate)

  Protocol Download
- Immunofluorescence (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 tel omere 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 telomer e repeat. Telomerase expression plays a role in cellular senescence, as it is normally repressed i n postnatal somatic cells resulting in progressive shortening of telomeres. Deregulation of telomer ase expression in somatic cells may be involved in oncogenesis. Studies in mouse suggest that t elomerase 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 regu lation of telomerase activity. [provided by RefSeq
Other Designations	telomerase catalytic subunit

Disease

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- 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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- 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

Copyright © 2023 Abnova Corporation. All Rights Reserved.