

For Research Use Only

TERT Polyclonal antibody

Catalog Number: 18994-1-AP

2 Publications



Basic Information

Catalog Number:

18994-1-AP

Size:

150ul , Concentration: 113 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_198255

GeneID (NCBI):

7015

UNIPROT ID:

O14746

Full Name:

telomerase reverse transcriptase

Calculated MW:

127 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Background Information

TERT, also named as EST2, TCS1 and TRT, belongs to the reverse transcriptase family and Telomerase subfamily. Telomerase is a ribonucleoprotein enzyme essential for the replication of chromosome termini in most eukaryotes. Activation of telomerase has been implicated in cell immortalization and cancer cell pathogenesis. TERT elongates telomeres by adding simple sequence repeats to chromosome ends. TERT can modulate Wnt signaling and plays important roles in aging and antiapoptosis. Mutation of TERT are associated with susceptibility to aplastic anemia (AA), coronary artery disease (CAD), dyskeratosis congenita autosomal dominant (ADCK) and idiopathic pulmonary fibrosis. Catalog#18994-1-AP is rabbit polyclonal antibody that can recognize all the 3 TERT isoforms.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaolong Wang	28247570	Cancer Med	WB
Hui Xu	25861317	Hepat Mon	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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