



TERT Polyclonal Antibody

E92979

Catalog Number: E92979**Amount:** 100ul

Background: 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.

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: TP2; TRT; EST2; TCS1; hTERT; DKCA2; DKCB4; hEST2; PFBMFT1;

Immunogen: A synthetic peptide of human TERT

Purification: Affinity purification

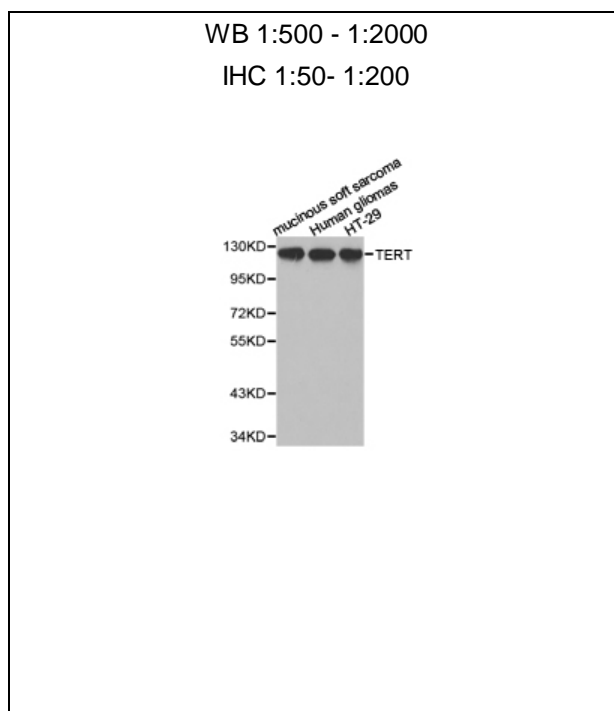
Reactivity: H M R

Applications: WB IHC

Molecular Weight: 120kDa

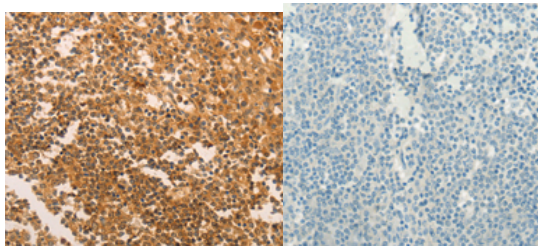
Swiss-Prot No. : O14746

Gene ID: 7015



For Research Use Only

Western blot analysis of extracts of various cell lines using TERT antibody.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using TERT Antibody.