

EnoGene

## 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. Derepression 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; hTRT; DKCA2; DKCB4; hEST2; PFBMFT1;

**Immunogen:** A synthetic peptide of human TERT

**Purification:** Affinity purification

**Reactivity:** H M R

**Applications:** WB IHC

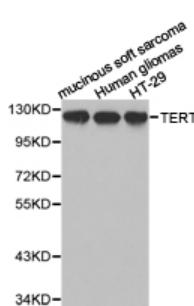
**Molecular Weight:** 120kDa

**Swiss-Prot No.:** O14746

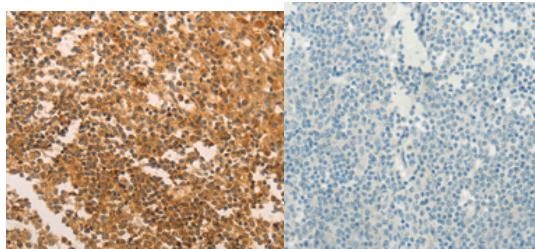
**Gene ID:** 7015

WB 1:500 - 1:2000

IHC 1:50- 1:200

**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.