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TERT Rabbit pAb

货号: AYP11702

产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Mus musculus , Homo sapiens
应用	WB
推荐浓度	**WB:** 1:500 - 1:1000
理论分子量	88kDa/90kDa/120kDa/126kDa
实测分子量	127KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HT-29
细胞定位	Chromosome,Cytoplasm,Nucleus,PML body,nucleolus,nucleoplasm,telomere
纯化	Affinity purification

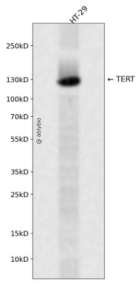
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 1000-1100 of human TERT (NP_937983.2).

靶点信息

研究背景	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.
基因ID	7015
基因名	TERT
Swiss	O14746 (https://www.uniprot.org/uniprotkb/O14746/entry)
别名	TERT,CMM9,DKCA2,DKCB4,EST2,PFBMFT1,TCS1,TP2,TRT,hEST2,hTRT,TERT Rabbit pAb,Telomerase catalytic subunit,Telomerase-associated protein 2

产品验证



Western blot analysis of TERT expressed in HT-29 using TERT Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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