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Telomerase reverse transcriptase (YD14358) Rabbit mAb

货号: AYD15329

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP
推荐浓度	
理论分子量	127kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HT-29
细胞定位	Nucleus, nucleolus, nucleoplasm, Chromosome, telomere, Cytoplasm, PML body
纯化	亲和纯化

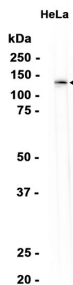
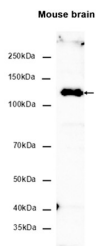
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靶点信息

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	Telomerase reverse transcriptase (YD14358), Telomerase reverse transcriptase (YD14358) Rabbit mAb, TERT, HEST2, Telomerase catalytic subunit, Telomerase-associated protein 2, EST2, TCS1, TRT

产品验证



实验步骤

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