

Product Name: TP1 Rabbit Polyclonal Antibody
Catalog #: APRab19138



Summary

Production Name	TP1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TEP1
Alternative Names	TEP1; TLP1; TP1; Telomerase protein component 1; Telomerase-associated protein 1; Telomerase protein 1; p240; p80 telomerase homolog
Gene ID	7011.0
SwissProt ID	Q99973. The antiserum was produced against synthesized peptide derived from human TEP1. AA range:171-220

Application

Dilution Ratio	IHC-P 1:100-1:300, ELISA 1:10000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	

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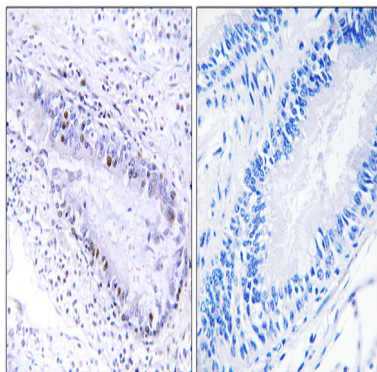


Background

This gene product is a component of the ribonucleoprotein complex responsible for telomerase activity which catalyzes the addition of new telomeres on the chromosome ends. The telomerase-associated proteins are conserved from ciliates to humans. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016],function:Component of the telomerase ribonucleoprotein complex that is essential for the replication of chromosome termini. Also component of the ribonucleoprotein vaults particle, a multi-subunit structure involved in nucleo-cytoplasmic transport. Responsible for the localizing and stabilizing vault RNA (vRNA) association in the vault ribonucleoprotein particle. Binds to TERC.,similarity:Contains 1 NACHT domain.,similarity:Contains 1 TROVE domain.,similarity:Contains 21 WD repeats.,similarity:Contains 4 TEP1 N-terminal repeats.,subunit:Component of the telomerase holoenzyme complex at least composed of TERT, DKC1, WDR79/TCAB1, NOP10, NHP2, GAR1, TEP1, EST1A, POT1 and a telomerase RNA template component (TERC). Component of the vault ribonucleoprotein particle, at least composed of MVP, PARP4 and one or more vault RNAs (vRNAs). Binds to VAULTRC1, VAULTRC2 and VAULTRC4/hvg4 vRNAs.,tissue specificity:Ubiquitous.,

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using TEP1 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.