

POT1

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:200 - 1:2000

Calculated MW: 71kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human POT1

Storage Buffer:

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

Synonym:

POT1;DKFZp586D211;hPot1 ;

Catalog #: A1491

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 25913

Isotype: IgG

Swiss Prot: Q9NUX5

Purity: Affinity purification

For research use only.

Background:

Protection of telomeres 1(POT1) is a conserved protein that binds the G-rich strand of its own telomeric repeat sequence, with a role in protecting chromosome ends. It's a housekeeping gene that is required to ensure the integrity of chromosome ends in all cells. It's a component of the telomerase ribonucleoprotein(RNP) complex that is essential for the replication of chromosome termini. It consists of the TRF1 complex that is involved in the regulation of telomere length by cis-inhibition of telomerase.

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