

POLK

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 98kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human POLK

Storage Buffer:

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

Synonym:

DINP; POLQ; DINB1;

Catalog #: A6122

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 51426

Isotype: IgG

Swiss Prot: Q9UBT6

Purity: Affinity purification

For research use only.

Background:

External and internal DNA-damaging agents continually threaten the integrity of genetic material in cells. Although a variety of repair mechanisms exist to remove the resulting lesions, some lesions escape repair and block the replication machinery. Members of the Y family of DNA polymerases, such as POLK, permit the continuity of the replication fork by allowing replication through such DNA lesions. Each Y family polymerase has a unique DNA-damage bypass and fidelity profile. POLK is specialized for the extension step of lesion bypass (summary by Lone et al., 2007)

To place an order, please [Click HERE](#).