

Datasheet for ABIN1881669
anti-POLK antibody (AA 531-560)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|-----------------------|
| Quantity: | 400 µL |
| Target: | POLK |
| Binding Specificity: | AA 531-560 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Western Blotting (WB) |

Product Details

| | |
|---------------|---|
| Immunogen: | This POLK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 531-560 amino acids from the Central region of human POLK. |
| Clone: | RB41936 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|--|
| Target: | POLK |
| Alternative Name: | POLK (POLK Products) |
| 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 |

Target Details

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 [PubMed 17317631]).

Molecular Weight: 98809

NCBI Accession: [NP_057302](#)

UniProt: [Q9UBT6](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

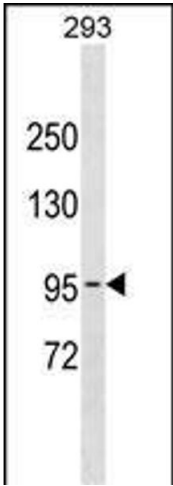
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Expiry Date: 6 months



Western Blotting

Image 1. POLK Antibody (Center) (ABIN1881669 and ABIN2838908) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the POLK antibody detected the POLK protein (arrow).