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Datasheet for ABIN7468760  
**anti-POLE3 antibody**

### Overview

Quantity:	100 µL
Target:	POLE3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLE3 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human DNA polymerase epsilon 3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

### Target Details

Target:	POLE3
Alternative Name:	DNA polymerase epsilon 3, accessory subunit ( <a href="#">POLE3 Products</a> )
Background:	Synonyms: DNA polymerase epsilon 3, accessory subunit , CHARAC17 , CHRAC17 , CHRAC2 ,

## Target Details

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YBL1 , p17

Background: POLE3 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging.[supplied by OMIM, Apr 2004]

Molecular Weight: 17 kDa

Gene ID: 54107

UniProt: [Q9NRF9](#)

Pathways: [DNA Damage Repair](#)

## Application Details

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Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: 293T , A431 , HeLa , HepG2 Validation: KO/KD

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS ( pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.